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LOGINID:SSPTAJDA1614

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

***** Welcome to STN International *****

NEWS	1		Web Page for STN Seminar Schedule - N. America
NEWS	2	JAN 12	Match STN Content and Features to Your Information Needs, Quickly and Conveniently
NEWS	3	JAN 25	Annual Reload of MEDLINE database
NEWS	4	FEB 16	STN Express Maintenance Release, Version 8.4.2, Is Now Available for Download
NEWS	5	FEB 16	Derwent World Patents Index (DWPI) Revises Indexing of Author Abstracts
NEWS	6	FEB 16	New FASTA Display Formats Added to USGENE and PCTGEN
NEWS	7	FEB 16	INPADOCDB and INPAFAMDB Enriched with New Content and Features
NEWS	8	FEB 16	INSPEC Adding Its Own IPC codes and Author's E-mail Addresses
NEWS	9	APR 02	CAS Registry Number Crossover Limits Increased to 500,000 in Key STN Databases
NEWS	10	APR 02	PATDPAFULL: Application and priority number formats enhanced
NEWS	11	APR 02	DWPI: New display format ALLSTR available
NEWS	12	APR 02	New Thesaurus Added to Derwent Databases for Smooth Sailing through U.S. Patent Codes
NEWS	13	APR 02	EMBASE Adds Unique Records from MEDLINE, Expanding Coverage back to 1948
NEWS	14	APR 07	CA/CAPLUS CLASS Display Streamlined with Removal of Pre-IPC 8 Data Fields
NEWS	15	APR 07	50,000 World Traditional Medicine (WTM) Patents Now Available in CAPLUS
NEWS	16	APR 07	MEDLINE Coverage Is Extended Back to 1947
NEWS EXPRESS	FEBRUARY 15	10	CURRENT WINDOWS VERSION IS V8.4.2, AND CURRENT DISCOVER FILE IS DATED 15 JANUARY 2010.
NEWS HOURS	STN Operating Hours Plus Help Desk Availability		
NEWS LOGIN	Welcome Banner and News Items		

Enter NEWS followed by the item number or name to see news on that specific topic.

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 10:52:16 ON 08 APR 2010

=> file registry
COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
0.22	0.22

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 10:52:33 ON 08 APR 2010
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PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 APR 2010 HIGHEST RN 1217434-06-4
DICTIONARY FILE UPDATES: 7 APR 2010 HIGHEST RN 1217434-06-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

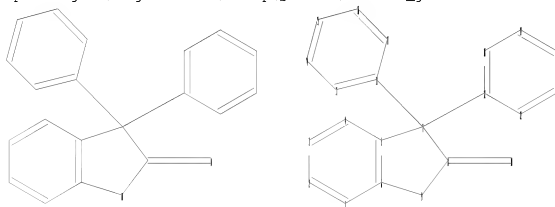
TSCA INFORMATION NOW CURRENT THROUGH January 8, 2010.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

<http://www.cas.org/support/stngen/stndoc/properties.html>

=>
Uploading C:\Program Files\Stnexp\Queries\10599121_genus.str



chain nodes :
10
ring nodes :
1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 17 18 19 20 21 22
chain bonds :
7-11 7-12 8-10
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 11-13 11-17 12-18 12-22 13-14
14-15 15-16 16-17 18-19 19-20 20-21 21-22
exact/norm bonds :
5-7 6-9 7-8 8-9 8-10
exact bonds :

7-11 7-12
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 11-13 11-17 12-18 12-22 13-14 14-15 15-16
16-17 18-19 19-20 20-21 21-22

Match level :

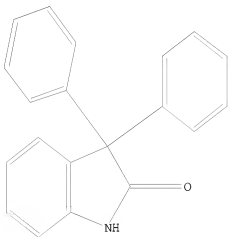
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom 22:Atom

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss

SAMPLE SEARCH INITIATED 10:52:51 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 274 TO ITERATE

100.0% PROCESSED 274 ITERATIONS

42 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 4487 TO 6473

PROJECTED ANSWERS: 452 TO 1228

L2 42 SEA SSS SAM L1

=> d l2 1

L2 ANSWER 1 OF 42 REGISTRY COPYRIGHT 2010 ACS on STN

RN 1201694-96-3 REGISTRY

ED Entered STN: 08 Jan 2010

CN 2H-indol-2-one, 5-bromo-3,3-bis[4-[4-[4-[[5-bromo-3,3-bis(4-chlorophenyl)-

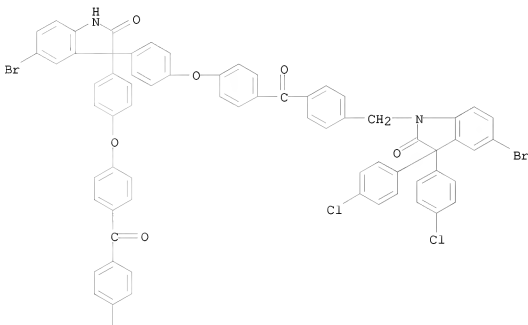
2,3-dihydro-2-oxo-1H-indol-1-yl)methyl]benzoyl]phenoxy]phenyl]-1,3-dihydro-
(CA INDEX NAME)

MF C88 H54 Br3 Cl4 N3 O7

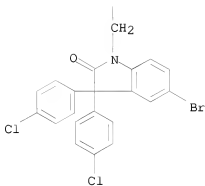
SR CA

LC STN Files: CA, CAPLUS

PAGE 1-A



PAGE 2-A

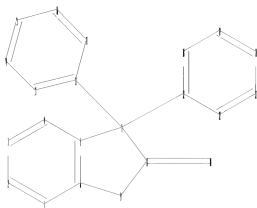
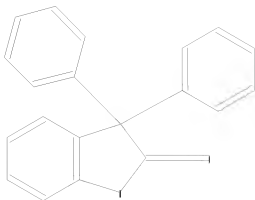


1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=>

Uploading C:\Program Files\Stnexp\Queries\10599121_NEW_genus.str



```

chain nodes :
10
ring nodes :
1 2 3 4 5 6 7 8 9 11 12 13 14 15 16 17 18 19 20 21 22
chain bonds :
7-11 7-12 8-10
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 11-13 11-17 12-18 12-22 13-14
14-15 15-16 16-17 18-19 19-20 20-21 21-22
exact/norm bonds :
6-9 8-9 8-10
exact bonds :
5-7 7-8 7-11 7-12
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 11-13 11-17 12-18 12-22 13-14 14-15 15-16
16-17 18-19 19-20 20-21 21-22
isolated ring systems :
containing 1 : 11 : 12 :
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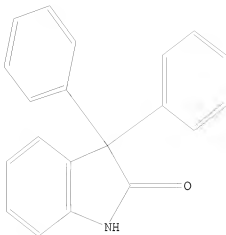
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:Atom
20:Atom 21:Atom 22:Atom
```

L3 STRUCTURE UPLOADED

=> d 13

L3 HAS NO ANSWERS

L3 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l3 sss

SAMPLE SEARCH INITIATED 10:54:14 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 86 TO ITERATE

100.0% PROCESSED 86 ITERATIONS

40 ANSWERS

SEARCH TIME: 00.00.02

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 1164 TO 2276

PROJECTED ANSWERS: 421 TO 1179

L4 40 SEA SSS SAM L3

=> d l4

L4 ANSWER 1 OF 40 REGISTRY COPYRIGHT 2010 ACS on STN

RN 1201694-96-3 REGISTRY

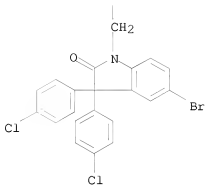
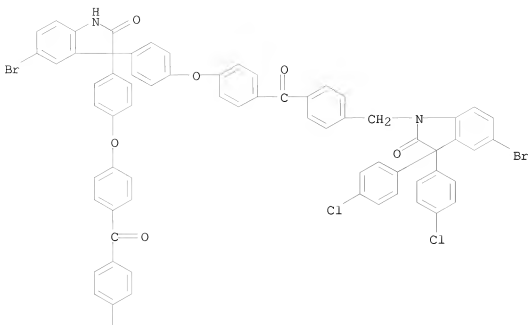
ED Entered STN: 08 Jan 2010

CN 2H-Indol-2-one, 5-bromo-3,3-bis[4-[4-[4-[[5-bromo-3,3-bis(4-chlorophenyl)-2,3-dihydro-2-oxo-1H-indol-1-yl]methyl]benzoyl]phenoxy]phenyl]-1,3-dihydro-
(CA INDEX NAME)

MF C88 H54 Br3 Cl4 N3 O7

SR CA

LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 13 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 191.05 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 10:54:30 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1616 TO ITERATE

100.0% PROCESSED 1616 ITERATIONS

SEARCH TIME: 00.00.01

592 ANSWERS

L5 592 SEA SSS FUL L3

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	196.72	196.94

FILE 'CAPLUS' ENTERED AT 10:54:34 ON 08 APR 2010
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FILE COVERS 1907 - 8 Apr 2010 VOL 152 ISS 15
 FILE LAST UPDATED: 7 Apr 2010 (20100407/ED)
 REVISED CLASS FIELDS (/NCL) LAST RELOADED: Feb 2010
 USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Feb 2010

CAPLUS now includes complete International Patent Classification (IPC) reclassification data for the first quarter of 2010.

CAS Information Use Policies apply and are available at:

<http://www.cas.org/legal/infopolicy.html>

This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s l5
L6          394 L5

=> s (cancer or tumor or neoplasm or tumour)
450173 CANCER
66058  CANCERS
466420 CANCER
      (CANCER OR CANCERS)
539211 TUMOR
194072 TUMORS
598245 TUMOR
      (TUMOR OR TUMORS)
4791  TUMOUR
1810  TUMOURS
6484  TUMOUR
      (TUMOUR OR TUMOURS)
598684 TUMOR
      (TUMOR OR TUMOUR)
589261 NEOPLASM
38742  NEOPLASMS
606639 NEOPLASM
      (NEOPLASM OR NEOPLASMS)
4791  TUMOUR
1810  TUMOURS
6484  TUMOUR
      (TUMOUR OR TUMOURS)
539211 TUMOR
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194072 TUMORS
 598245 TUMOR
 (TUMOR OR TUMORS)
 598684 TUMOUR
 (TUMOUR OR TUMOR)
 L7 996285 (CANCER OR TUMOR OR NEOPLASM OR TUMOUR)

=> s 16 and 17

L8 12 L6 AND L7

=> dup rem l8

PROCESSING COMPLETED FOR L8

L9 12 DUP REM L8 (0 DUPLICATES REMOVED)

=> d 19 1-12 ibib abs hitstr

L9 ANSWER 1 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2008:1299768 CAPLUS

DOCUMENT NUMBER: 149:513691

TITLE: Preparation of 3-(4-hydroxyphenyl)-indolin-2-ones for the treatment of cancer

INVENTOR(S): Christensen, Mette Knak; Bjoerkling, Fredrik

PATENT ASSIGNEE(S): Topotarget A/S, Den.

SOURCE: PCT Int. Appl., 123pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008129075	A1	20081030	WO 2008-EP54990	20080424
W:	AE, AG, AL, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
AU 2008240599	A1	20081030	AU 2008-240599	20080424
CA 2684552	A1	20081030	CA 2008-2684552	20080424
EP 2139856	A1	20100106	EP 2008-749700	20080424
R:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR			

PRIORITY APPLN. INFO.:

US 2007-913625P

P 20070424

WO 2008-EP54990

W 20080424

OTHER SOURCE(S): MARPAT 149:513691

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [r = 0 or 1; X = -CH2-, -O-, -S-, etc.; Z =

(un)substituted alkyl, (un)substituted cycloalkyl, (un)substituted alkenyl, etc.; V1-V4 = carbon atom, non-quaternary nitrogen atom, oxygen atom, etc.; R1-R4, when attached to a carbon atom, are independently H, (un)substituted alkyl, (un)substituted cycloalkyl, etc.; R1-R4, when attached to a nitrogen atom, are independently H, (un)substituted alkyl, hydroxy, etc.; R1 and R2 together with the carbon atoms to which they attached may form a ring; with the proviso that at least one of R1-R4 is not H) and pharmaceutically acceptable salts and prodrugs thereof were prepared For example, compound II was prepared by following general procedure: treatment of 3-substituted-3-hydroxy-indolin-2-one with phenol (5.0 equiv) and p-TsOH (7.5 equiv) in dichloroethane at 90° for 2-4 h. In cell proliferation assay (WST assay) using MCF-7, the IC50 of compound II was 3.4 nM.

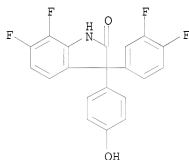
IT 1073261-12-7P 1073261-13-8P 1073261-20-7P
1073261-21-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 3-(4-hydroxyphenyl)-indolin-2-ones for treatment of cancer)

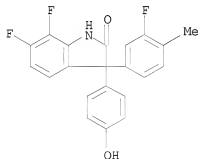
RN 1073261-12-7 CAPLUS

CN 2H-Indol-2-one, 3-(3,4-difluorophenyl)-6,7-difluoro-1,3-dihydro-3-(4-hydroxyphenyl)- (CA INDEX NAME)



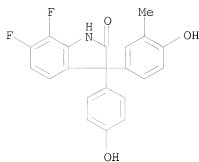
RN 1073261-13-8 CAPLUS

CN 2H-Indol-2-one, 6,7-difluoro-3-(3-fluoro-4-methylphenyl)-1,3-dihydro-3-(4-hydroxyphenyl)- (CA INDEX NAME)



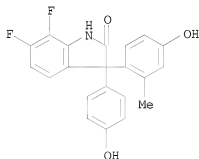
RN 1073261-20-7 CAPLUS

CN 2H-Indol-2-one, 6,7-difluoro-1,3-dihydro-3-(4-hydroxy-3-methylphenyl)-3-(4-hydroxyphenyl)- (CA INDEX NAME)



RN 1073261-21-8 CAPLUS

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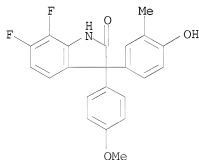


IT 1073262-14-2P 1073262-15-3P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of 3-(4-hydroxyphenyl)-indolin-2-ones for treatment of cancer)

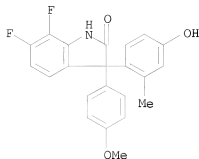
RN 1073262-14-2 CAPLUS

CN 2H-Indol-2-one, 6,7-difluoro-1,3-dihydro-3-(4-hydroxy-3-methylphenyl)-3-(4-methoxyphenyl)- (CA INDEX NAME)



RN 1073262-15-3 CAPLUS

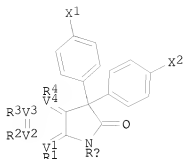
CN 2H-Indol-2-one, 6,7-difluoro-1,3-dihydro-3-(4-hydroxy-2-methylphenyl)-3-(4-methoxyphenyl)- (CA INDEX NAME)



REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 2 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2008:733160 CAPLUS
 DOCUMENT NUMBER: 149:53867
 TITLE: Preparation of prodrugs of 3,3-diphenyl-1,3-dihydroindol-2-one for the treatment of cancer
 INVENTOR(S): Christensen, Mette Knak; Bjoerkling, Fredrik; Ikaunieks, Martins; Zaichenko, Andrei; Gailite, Vija; Loza, Einars; Kalvinsh, Ivars; Madre, Marina
 PATENT ASSIGNEE(S): Topotarget A/S, Den.
 SOURCE: PCT Int. Appl., 85pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008071387	A1	20080619	WO 2007-EP10805	20071211
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM EP 2102158 A1 20090923 EP 2007-866234 20071211 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR US 20100029646 A1 20100204 US 2009-518545 20091005 US 2006-869428P P 20061211 WO 2007-EP10805 W 20071211				
PRIORITY APPLN. INFO.: ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): CASREACT 149:53867; MARPAT 149:53867 GI				



I

AB Title compds. [I; X1, X2 = prodrug group; Rn = prodrug group, H, OH, (substituted) alkyl, alkoxy, alkoxycarbonyl, alkylsulfinyl, alkylsulfonyl, etc.; V1-V4 = C, N, O, S, bond; R1-R4 = H, OH, NO2, halo, (substituted) alkyl, alkoxy, alkenyl, alkenyloxy, alkoxycarbonyl, alkylthio, aryl, heterocyclyl, etc.; R1R2 = atoms to form a ring; with provisos], were prepared as anticancer drugs (no data). Thus, 6,7-difluoro-3-(4-hydroxyphenyl)-3-(4-methoxyphenyl)-1,3-dihydroindol-2-one and Boc-Ala-OH were coupled using EDC and DMAP in CH2Cl2 followed by deprotection with HCl in Et2O to give (2S)-4-(6,7-difluoro-3-(4-methoxyphenyl)-2-oxindolin-3-yl)phenyl 2-aminopropanoate hydrochloride.

IT	1033126-98-5P	1033126-99-6P	1033127-01-3P
	1033127-02-4P	1033127-03-5P	1033127-04-6P
	1033127-06-8P	1033127-08-0P	1033127-09-1P
	1033127-11-5P	1033127-12-6P	1033127-15-9P
	1033127-16-0P	1033127-17-1P	1033127-18-2P

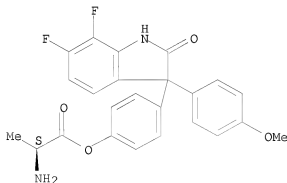
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(claimed compound; preparation of prodrugs of di-Ph oxindoles for the treatment of cancer)

RN 1033126-98-5 CAPLUS

CN L-Alanine, 4-[6,7-difluoro-2,3-dihydro-3-(4-methoxyphenyl)-2-oxo-1H-indol-3-yl]phenyl ester, hydrochloride (1:1) (CA INDEX NAME)

Absolute stereochemistry.



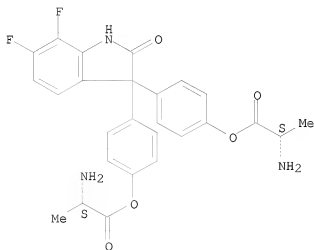
● HCl

RN 1033126-99-6 CAPLUS

CN L-Alanine, 1,1'-[6,7-difluoro-1,2-dihydro-2-oxo-3H-indol-3-ylidene]di-4,1-

phenylene] ester, hydrochloride (1:2) (CA INDEX NAME)

Absolute stereochemistry.



● 2 HCl

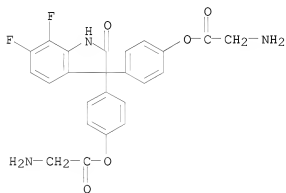
RN 1033127-01-3 CAPLUS

CN Glycine, 1,1'-[(6,7-difluoro-1,2-dihydro-2-oxo-3H-indol-3-ylidene)di-4,1-phenylene] ester, 2,2,2-trifluoroacetate (1:2) (CA INDEX NAME)

CM 1

CRN 1033127-00-2

CMF C24 H19 F2 N3 O5



CM 2

CRN 76-05-1

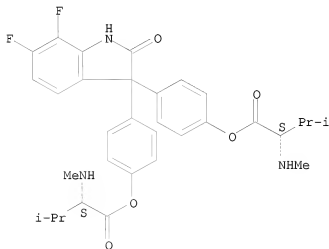
CMF C2 H F3 O2



RN 1033127-02-4 CAPLUS

CN L-Valine, N-methyl-, 1,1'-[(6,7-difluoro-1,2-dihydro-2-oxo-3H-indol-3-ylidene)di-4,1-phenylene] ester, hydrochloride (1:2) (CA INDEX NAME)

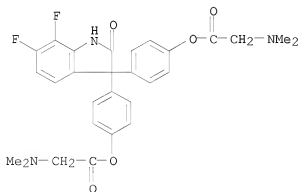
Absolute stereochemistry.



●2 HCl

RN 1033127-03-5 CAPLUS

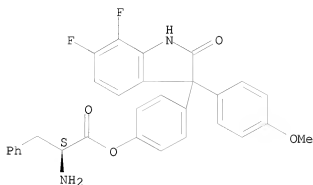
CN Glycine, N,N-dimethyl-, 1,1'-[(6,7-difluoro-1,2-dihydro-2-oxo-3H-indol-3-ylidene)di-4,1-phenylene] ester (CA INDEX NAME)



RN 1033127-04-6 CAPLUS

CN L-Phenylalanine, 4-[6,7-difluoro-2,3-dihydro-3-(4-methoxyphenyl)-2-oxo-1H-indol-3-yl]phenyl ester, hydrochloride (1:1) (CA INDEX NAME)

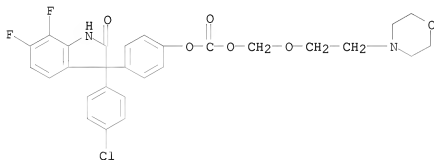
Absolute stereochemistry.



● HCl

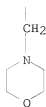
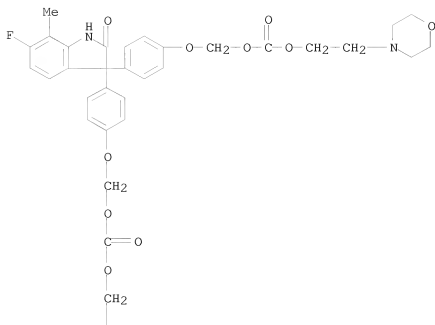
RN 1033127-06-8 CAPLUS

CN Carbonic acid, 4-[3-(4-chlorophenyl)-6,7-difluoro-2,3-dihydro-2-oxo-1H-indol-3-yl]phenyl [2-(4-morpholinyl)ethoxy]methyl ester (CA INDEX NAME)



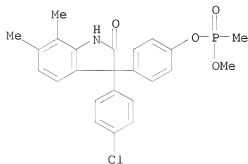
RN 1033127-08-0 CAPLUS

CN Carbonic acid, C,C'-[(6-fluoro-1,2-dihydro-7-methyl-2-oxo-3H-indol-3-ylidene)bis(4,1-phenyleneoxymethylene)] C,C'-bis[2-(4-morpholinyl)ethyl] ester (CA INDEX NAME)



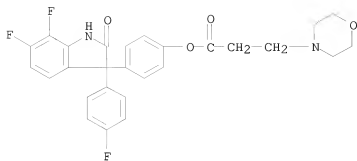
RN 1033127-09-1 CAPLUS

CN Phosphonic acid, P-methyl-, 4-[3-(4-chlorophenyl)-2,3-dihydro-6,7-dimethyl-2-oxo-1H-indol-3-yl]phenyl methyl ester (CA INDEX NAME)



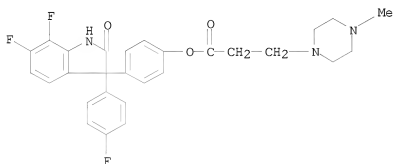
RN 1033127-11-5 CAPLUS

CN 4-Morpholinepropanoic acid, 4-[6,7-difluoro-3-(4-fluorophenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]phenyl ester (CA INDEX NAME)



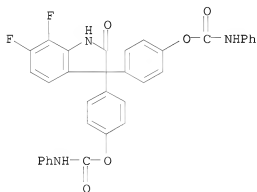
RN 1033127-12-6 CAPLUS

CN 1-Piperazinepropanoic acid, 4-methyl-,
4-[6,7-difluoro-3-(4-fluorophenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]phenyl
ester (CA INDEX NAME)



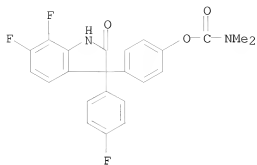
RN 1033127-15-9 CAPLUS

CN 2H-Indol-2-one, 6,7-difluoro-1,3-dihydro-3,3-bis[4-
[(phenylamino)carbonyl]oxy]phenyl]- (CA INDEX NAME)



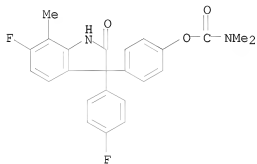
RN 1033127-16-0 CAPLUS

CN Carbamic acid, N,N-dimethyl-, 4-[6,7-difluoro-3-(4-fluorophenyl)-2,3-
dihydro-2-oxo-1H-indol-3-yl]phenyl ester (CA INDEX NAME)



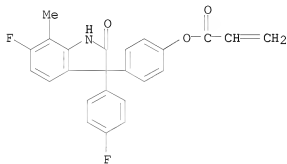
RN 1033127-17-1 CAPLUS

CN Carbamic acid, N,N-dimethyl-, 4-[6-fluoro-3-(4-fluorophenyl)-2,3-dihydro-7-methyl-2-oxo-1H-indol-3-yl]phenyl ester (CA INDEX NAME)



RN 1033127-18-2 CAPLUS

CN 2-Propenoic acid, 4-[6-fluoro-3-(4-fluorophenyl)-2,3-dihydro-7-methyl-2-oxo-1H-indol-3-yl]phenyl ester (CA INDEX NAME)



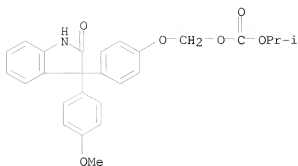
IT 1033127-26-2P 1033127-27-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of prodrugs of di-Ph oxindoles for the treatment of cancer)

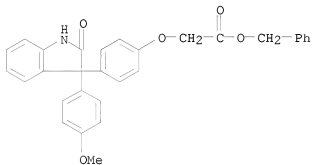
RN 1033127-26-2 CAPLUS

CN Carbonic acid, [4-[2,3-dihydro-3-(4-methoxyphenyl)-2-oxo-1H-indol-3-yl]phenoxy]methyl 1-methylethyl ester (CA INDEX NAME)



RN 1033127-27-3 CAPLUS

CN Acetic acid, 2-[4-[2,3-dihydro-3-(4-methoxyphenyl)-2-oxo-1H-indol-3-yl]phenoxy]-, phenylmethyl ester (CA INDEX NAME)

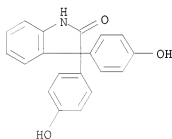


IT 125-13-3 867154-86-7 867154-99-2
867155-00-8 1033127-28-4 1033127-30-8
1033127-31-9

RL: RCT (Reactant); RACT (Reactant or reagent)
(preparation of prodrugs of di-Ph oxindoles for the treatment of cancer)

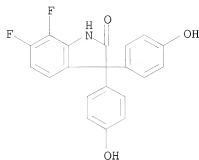
RN 125-13-3 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)- (CA INDEX NAME)



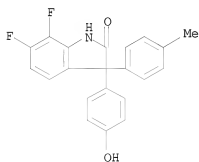
RN 867154-86-7 CAPLUS

CN 2H-Indol-2-one, 6,7-difluoro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)- (CA INDEX NAME)



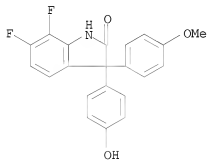
RN 867154-99-2 CAPLUS

CN 2H-Indol-2-one, 6,7-difluoro-1,3-dihydro-3-(4-hydroxyphenyl)-3-(4-methylphenyl)- (CA INDEX NAME)



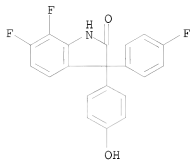
RN 867155-00-8 CAPLUS

CN 2H-Indol-2-one, 6,7-difluoro-1,3-dihydro-3-(4-hydroxyphenyl)-3-(4-methoxyphenyl)- (CA INDEX NAME)

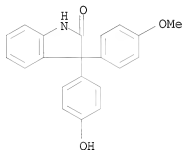


RN 1033127-28-4 CAPLUS

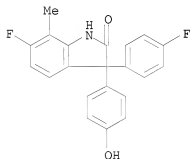
CN 2H-Indol-2-one, 6,7-difluoro-3-(4-fluorophenyl)-1,3-dihydro-3-(4-hydroxyphenyl)- (CA INDEX NAME)



RN 1033127-30-8 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3-(4-hydroxyphenyl)-3-(4-methoxyphenyl)- (CA INDEX NAME)

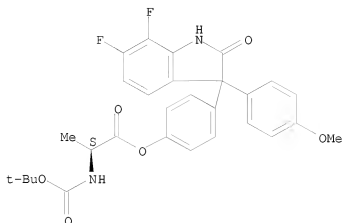


RN 1033127-31-9 CAPLUS
 CN 2H-Indol-2-one, 6-fluoro-3-(4-fluorophenyl)-1,3-dihydro-3-(4-hydroxyphenyl)-7-methyl- (CA INDEX NAME)



IT 1033127-19-3P 1033127-20-6P 1033127-21-7P
 1033127-22-8P 1033127-23-9P 1033127-24-0P
 1033127-25-1P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
 (Reactant or reagent)
 (preparation of prodrugs of di-Ph oxindoles for the treatment of
 cancer)
 RN 1033127-19-3 CAPLUS
 CN L-Alanine, N-[(1,1-dimethylethoxy)carbonyl]-,
 4-[6,7-difluoro-2,3-dihydro-3-(4-methoxyphenyl)-2-oxo-1H-indol-3-yl]phenyl
 ester (CA INDEX NAME)

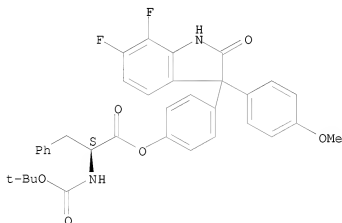
Absolute stereochemistry.



RN 1033127-20-6 CAPLUS

CN L-Phenylalanine, N-[(1,1-dimethylethoxy)carbonyl]-,
4-[6,7-difluoro-2,3-dihydro-3-(4-methoxyphenyl)-2-oxo-1H-indol-3-yl]phenyl
ester (CA INDEX NAME)

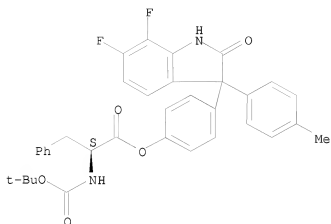
Absolute stereochemistry.



RN 1033127-21-7 CAPLUS

CN L-Phenylalanine, N-[(1,1-dimethylethoxy)carbonyl]-,
4-[6,7-difluoro-2,3-dihydro-3-(4-methylphenyl)-2-oxo-1H-indol-3-yl]phenyl
ester (CA INDEX NAME)

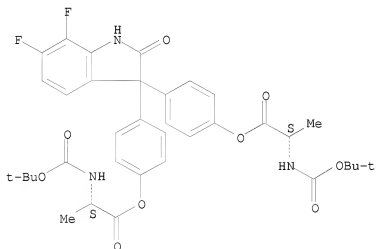
Absolute stereochemistry.



RN 1033127-22-8 CAPLUS

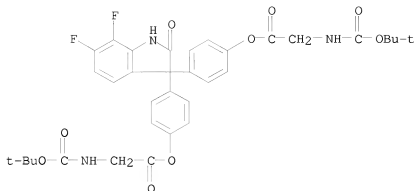
CN L-Alanine, N-[(1,1-dimethylethoxy)carbonyl]-,
1,1'-[(6,7-difluoro-1,2-dihydro-2-oxo-3H-indol-3-ylidene)di-4,1-phenylene]
ester (CA INDEX NAME)

Absolute stereochemistry.



RN 1033127-23-9 CAPLUS

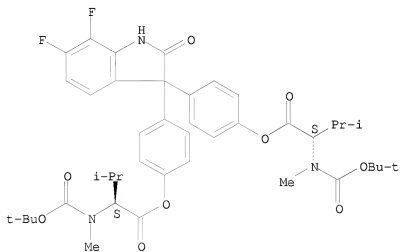
CN Glycine, N-[(1,1-dimethylethoxy)carbonyl]-,
1,1'-[(6,7-difluoro-1,2-dihydro-2-oxo-3H-indol-3-ylidene)di-4,1-phenylene]
ester (CA INDEX NAME)



RN 1033127-24-0 CAPLUS

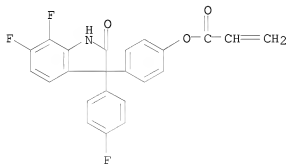
CN L-Valine, N-[(1,1-dimethylethoxy)carbonyl]-N-methyl-,
1,1'-[(6,7-difluoro-1,2-dihydro-2-oxo-3H-indol-3-ylidene)di-4,1-phenylene]
ester (CA INDEX NAME)

Absolute stereochemistry.



RN 1033127-25-1 CAPLUS

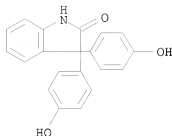
CN 2-Propenoic acid, 4-[6,7-difluoro-3-(4-fluorophenyl)-2,3-dihydro-2-oxo-1H-indol-3-yl]phenyl ester (CA INDEX NAME)



RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 3 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2008:221461 CAPLUS
 DOCUMENT NUMBER: 148:292088
 TITLE: Pharmaceutical oral formulations of cannabinoids for decreasing potential abuse and toxicity
 INVENTOR(S): Babul, Najib
 PATENT ASSIGNEE(S): Theraquest Biosciences, LLC, USA
 SOURCE: PCT Int. Appl., 190pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2008021394	A2	20080221	WO 2007-US18062	20070815
WO 2008021394	A3	20081231		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			
RW:	AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA			
PRIORITY APPLN. INFO.:			US 2006-837606P	P 20060815
			US 2006-837607P	P 20060815
			US 2006-842359P	P 20060906
			US 2006-849006P	P 20061004
AB	The present invention is directed to pharmaceutical compns. of cannabinoid agonists and the use thereof for preventing or minimizing the risk of cannabinoid agonist abuse and/or cannabinoid agonist toxicity from either intentional or unintentional tampering. The present invention is also directed at a method of preventing or minimizing the risk of cannabinoid agonist abuse and/or cannabinoid agonist toxicity from either intentional or unintentional tampering. Thus, a mixture containing 700 g rimonabant HCl (aversive agent), 5 g Methocel E5P, 200 g ethanol and 200 g water was coated onto 700 g of sugar spheres in fluidized-bed and the cores obtained were then coated with a sequestering overcoating composition containing 140 g Eudragit RS30D, 14 g tri-Et citrate and 1260 g ethanol up to a 20% to 60% weight gain. A tablet formulation comprising an immediate release cannabinoid agonist Δ^9 -tetrahydrocannabinol (THC) with a suitable amount of substantially non-releasable aversive agent was prepared by granulation of a mixture containing THC 25 mg, polyvinylpyrrolidone 7.5 mg, lactose 30 mg, Alc. SD3A-2 proof 3 mL stearic acid 5 mg, talc 705 mg, corn starch 20 mg, and rimonabant HCl spheres suitable amount and compression.			
IT	125-13-3, Oxyphenisatine RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (preparation of oral compns. of cannabinoids for decreasing potential abuse and toxicity)			
RN	125-13-3 CAPLUS			
CN	2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)- (CA INDEX NAME)			



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(1 CITINGS)

L9 ANSWER 4 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2007:478005 CAPLUS

DOCUMENT NUMBER: 147:95492

TITLE: Syntheses and antiproliferative evaluation of oxyphenisatin derivatives

AUTHOR(S): Uddin, Muhammed K.; Reignier, Serge G.; Coulter, Tom; Montalbetti, Christian; Granaes, Charlotta; Butcher, Steven; Krog-Jensen, Christian; Felding, Jakob

CORPORATE SOURCE: Evotec(UK) Ltd., Abingdon, Oxon, OX14 4RX, UK
SOURCE: Bioorganic & Medicinal Chemistry Letters (2007), 17(10), 2854-2857

CODEN: BMCLE8; ISSN: 0960-894X

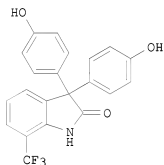
PUBLISHER: Elsevier Ltd.

DOCUMENT TYPE: Journal

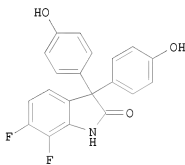
LANGUAGE: English

OTHER SOURCE(S): CASREACT 147:95492

GI



I



II

AB Syntheses and structure-antiproliferative relationship for oxyphenisatin analogs are described. The cell proliferation data showed that the presence of substituents (especially F, Cl, Me, CF₃, and OMe) in the 6- and 7-position of oxyphenisatin markedly enhanced the potency in the MDA-468 cell line without affecting the MDA-231 cell line. The best compds. I and II showed low nanomolar antiproliferative activity towards the MDA-468 cell line and a 1000-fold selectivity over the MDA-231 cell line.

IT 867154-95-8P

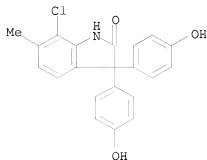
RL: PAC (Pharmacological activity); PRP (Properties); RCT (Reactant); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)

(preparation of oxyphenisatin derivs. starting from anilines using

substituted isatins as key intermediates and double Friedel-Crafts reaction as key step, and their anticancer activity and SAR)

RN 867154-95-8 CAPLUS

CN 2H-Indol-2-one, 7-chloro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)-6-methyl- (CA INDEX NAME)



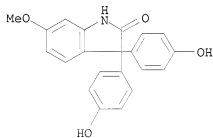
IT	20206-13-7P	20206-14-8P	20518-58-5P
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	861070-76-0P	867154-61-8P	867154-62-9P
	867154-67-4P	867154-68-5P	867154-69-6P
	867154-72-1P	867154-76-5P	867154-77-6P
	867154-78-7P	867154-79-8P	867154-80-1P
	867154-81-2P	867154-83-4P	867154-84-5P
	867154-85-6P	867154-86-7P	867154-87-8P
	867154-88-9P	867154-89-0P	867154-90-3P
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	942493-07-4P	942493-08-5P	942493-09-6P
	942493-10-9P	942493-11-0P	942493-12-1P
	942493-13-2P	942493-14-3P	942493-15-4P

RL: PAC (Pharmacological activity); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation of oxyphenisatin derivs. starting from anilines using substituted isatins as key intermediates and double Friedel-Crafts reaction as key step, and their anticancer activity and SAR)

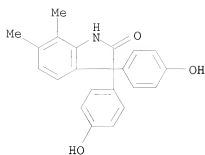
RN 20206-13-7 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-6-methoxy- (CA INDEX NAME)

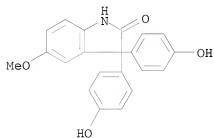


RN 20206-14-8 CAPLUS

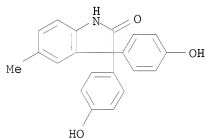
CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-6,7-dimethyl- (CA INDEX NAME)



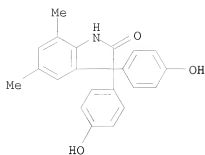
RN 20518-58-5 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-5-methoxy- (CA INDEX NAME)



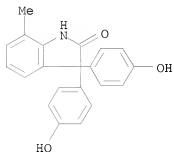
RN 47414-01-7 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-5-methyl- (CA INDEX NAME)



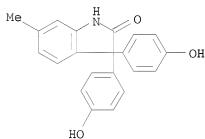
RN 47465-96-3 CAPLUS
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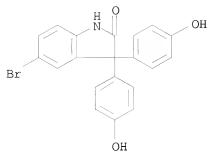
RN 56632-39-4 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-7-methyl- (CA INDEX NAME)



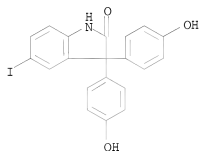
RN 97573-55-2 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-6-methyl- (CA INDEX NAME)



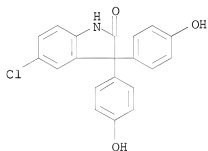
RN 426251-98-1 CAPLUS
 CN 2H-Indol-2-one, 5-bromo-1,3-dihydro-3,3-bis(4-hydroxyphenyl)- (CA INDEX NAME)



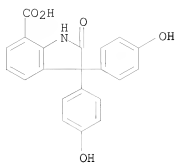
RN 859068-47-6 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-5-iodo- (CA INDEX NAME)



RN 861070-76-0 CAPLUS
 CN 2H-Indol-2-one, 5-chloro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)- (CA INDEX NAME)

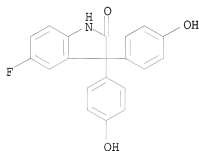


RN 867154-61-8 CAPLUS
 CN 1H-Indole-7-carboxylic acid, 2,3-dihydro-3,3-bis(4-hydroxyphenyl)-2-oxo- (CA INDEX NAME)



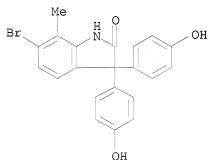
RN 867154-62-9 CAPLUS

CN 2H-Indol-2-one, 5-fluoro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)- (CA INDEX NAME)



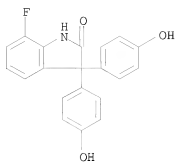
RN 867154-67-4 CAPLUS

CN 2H-Indol-2-one, 6-bromo-1,3-dihydro-3,3-bis(4-hydroxyphenyl)-7-methyl- (CA INDEX NAME)



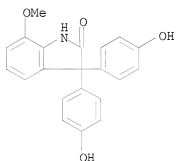
RN 867154-68-5 CAPLUS

CN 2H-Indol-2-one, 7-fluoro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)- (CA INDEX NAME)



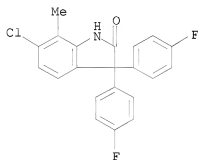
RN 867154-69-6 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-7-methoxy- (CA INDEX NAME)



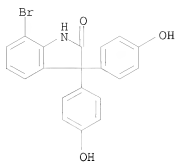
RN 867154-72-1 CAPLUS

CN 2H-Indol-2-one, 6-chloro-3,3-bis(4-fluorophenyl)-1,3-dihydro-7-methyl- (CA INDEX NAME)

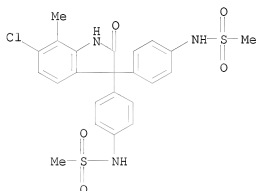


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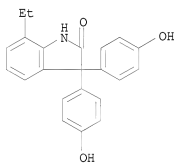
CN 2H-Indol-2-one, 7-bromo-1,3-dihydro-3,3-bis(4-hydroxyphenyl)- (CA INDEX NAME)



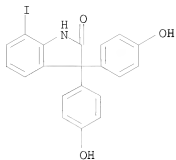
RN 867154-77-6 CAPLUS
 CN Methanesulfonamide, N,N'-[(6-chloro-1,2-dihydro-7-methyl-2-oxo-3H-indol-3-ylidene)di-4,1-phenylene]bis- (CA INDEX NAME)



RN 867154-78-7 CAPLUS
 CN 2H-Indol-2-one, 7-ethyl-1,3-dihydro-3,3-bis(4-hydroxyphenyl)- (CA INDEX NAME)

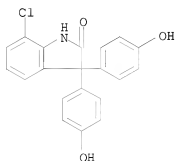


RN 867154-79-8 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-7-iodo- (CA INDEX NAME)



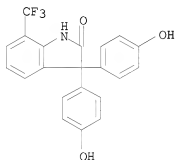
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CN 2H-Indol-2-one, 7-chloro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)- (CA INDEX NAME)



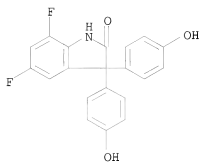
RN 867154-81-2 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-7-(trifluoromethyl)- (CA INDEX NAME)



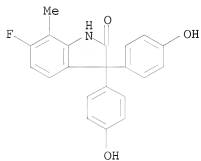
RN 867154-83-4 CAPLUS

CN 2H-Indol-2-one, 5,7-difluoro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)- (CA INDEX NAME)



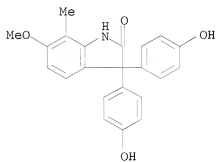
RN 867154-84-5 CAPLUS

CN 2H-Indol-2-one, 6-fluoro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)-7-methyl-
(CA INDEX NAME)



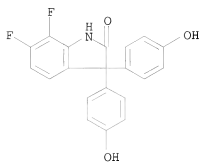
RN 867154-85-6 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-6-methoxy-7-methyl-
(CA INDEX NAME)

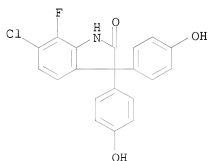


RN 867154-86-7 CAPLUS

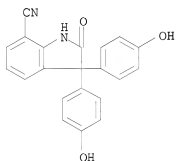
CN 2H-Indol-2-one, 6,7-difluoro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)- (CA
INDEX NAME)



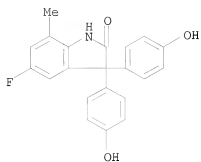
RN 867154-87-8 CAPLUS
 CN 2H-Indol-2-one, 6-chloro-7-fluoro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)-
 (CA INDEX NAME)



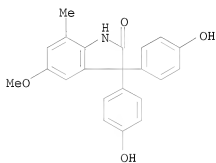
RN 867154-88-9 CAPLUS
 CN 1H-Indole-7-carbonitrile, 2,3-dihydro-3,3-bis(4-hydroxyphenyl)-2-oxo- (CA
 INDEX NAME)



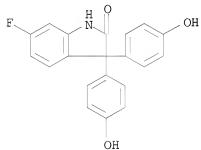
RN 867154-89-0 CAPLUS
 CN 2H-Indol-2-one, 5-fluoro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)-7-methyl-
 (CA INDEX NAME)



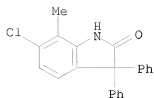
RN 867154-90-3 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-5-methoxy-7-methyl-
 (CA INDEX NAME)



RN 867154-91-4 CAPLUS
 CN 2H-Indol-2-one, 6-fluoro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)- (CA INDEX
 NAME)

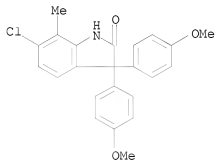


RN 942492-99-1 CAPLUS
 CN 2H-Indol-2-one, 6-chloro-1,3-dihydro-7-methyl-3,3-diphenyl- (CA INDEX
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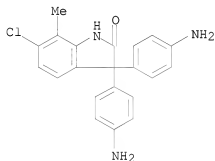
RN 942493-00-7 CAPLUS

CN 2H-Indol-2-one, 6-chloro-1,3-dihydro-3,3-bis(4-methoxyphenyl)-7-methyl-
(CA INDEX NAME)



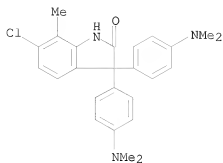
RN 942493-01-8 CAPLUS

CN 2H-Indol-2-one, 3,3-bis(4-aminophenyl)-6-chloro-1,3-dihydro-7-methyl- (CA
INDEX NAME)

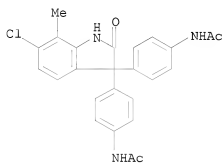


RN 942493-02-9 CAPLUS

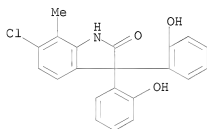
CN 2H-Indol-2-one, 6-chloro-3,3-bis[4-(dimethylamino)phenyl]-1,3-dihydro-7-
methyl- (CA INDEX NAME)



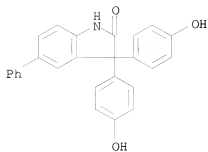
RN 942493-03-0 CAPLUS
 CN Acetamide, N,N'-[(6-chloro-1,2-dihydro-7-methyl-2-oxo-3H-indol-3-ylidene)di-4,1-phenylene]bis- (CA INDEX NAME)



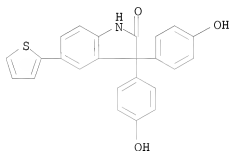
RN 942493-04-1 CAPLUS
 CN 2H-Indol-2-one, 6-chloro-1,3-dihydro-3,3-bis(2-hydroxyphenyl)-7-methyl- (CA INDEX NAME)



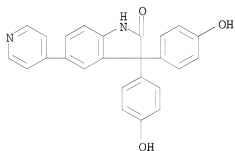
RN 942493-05-2 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-5-phenyl- (CA INDEX NAME)



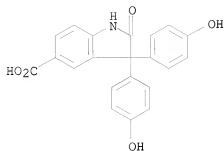
RN 942493-06-3 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-5-(2-thienyl)- (CA
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RN 942493-07-4 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-5-(4-pyridinyl)- (CA
 INDEX NAME)

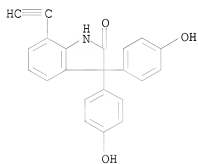


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 CN 1H-Indole-5-carboxylic acid, 2,3-dihydro-3,3-bis(4-hydroxyphenyl)-2-oxo-
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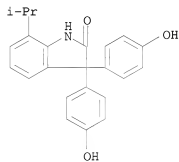
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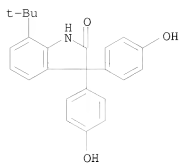
RN 942493-10-9 CAPLUS

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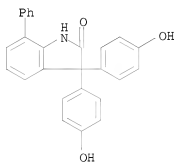
RN 942493-11-0 CAPLUS

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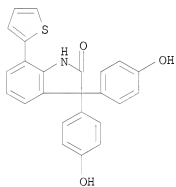
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CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-7-phenyl- (CA INDEX NAME)



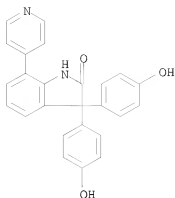
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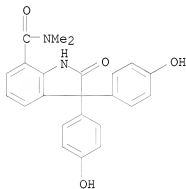
RN 942493-14-3 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-7-(4-pyridinyl)- (CA INDEX NAME)



RN 942493-15-4 CAPLUS

CN 1H-Indole-7-carboxamide, 2,3-dihydro-3,3-bis(4-hydroxyphenyl)-N,N-dimethyl-2-oxo- (CA INDEX NAME)



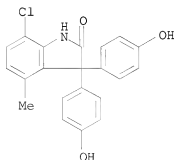
IT 942493-18-7P 942493-19-8P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of oxyphenisatin derivs. starting from anilines using substituted isatins as key intermediates and double Friedel-Crafts reaction as key step, and their anticancer activity and SAR)

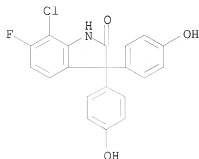
RN 942493-18-7 CAPLUS

CN 2H-Indol-2-one, 7-chloro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)-4-methyl- (CA INDEX NAME)



RN 942493-19-8 CAPLUS

CN 2H-Indol-2-one, 7-chloro-6-fluoro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)-
(CA INDEX NAME)

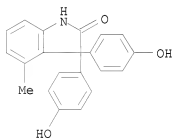


IT 94880-97-4P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of oxyphenisatin derivs. starting from anilines using substituted isatins as key intermediates and double Friedel-Crafts reaction as key step, and their anticancer activity and SAR)

RN 94880-97-4 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-4-methyl- (CA INDEX NAME)



OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD
(7 CITINGS)

REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 5 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2006:795553 CAPLUS

DOCUMENT NUMBER: 145:230533

TITLE: Preparation of xanthene and tris phenyl compounds as
tumor necrosis factor inhibitors

INVENTOR(S): Greene, Mark I.; Murali, Ramachandran; Cheng, Xin;
Ottenbrite, Raphael; Xiao, Yingxin

PATENT ASSIGNEE(S): Ception Therapeutics, Inc., USA; Trustees of the
University of Pennsylvania

SOURCE: PCT Int. Appl., 67 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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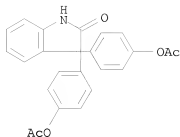
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 PRIORITY APPLN. INFO.: US 2005-648973P P 20050131
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 ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OTHER SOURCE(S): CASREACT 145:230533; MARPAT 145:230533
 GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The present invention is directed to compds. that are allosteric inhibitors of tumor necrosis factor receptor I, compns. comprising such compds., and methods of using such compds. and compns. thereof in the treatment of TNF- α mediated conditions. Specifically the invention is directed towards compds. represented by formula I, II, or III wherein R1-R12 = H, alkyl, OH, alkoxy, halo, NO₂, CN, borono, aryl, aryloxy, etc.; X is absent or = O, NR₂, or S; and R28 = H, alkyl, or aryl. These small mol. compds. bind to an allosteric site on TNF-R1, thus inhibiting binding of TNF- α to TNF-R1 and reducing activity of the TNF- α /TNF-R1 signaling pathway. Synthesis of some of the compds. is exemplified. For example, IV was prepared by reacting Me bromoacetate and 1,1,1-tris(4-hydroxyphenyl)ethane. In a TNF- α mediated cytotoxicity assay, IV (25-100 μ M) caused 14.8-36.7% inhibition.

IT 115-33-3, 3,3-Bis[4-(acetyloxy)phenyl]-1,3-dihydro-2H-indol-2-one
 RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (drug candidate; preparation of xanthene and tris Ph compds. as tumor necrosis factor inhibitors for treating autoimmune or inflammatory conditions)

RN 115-33-3 CAPLUS
 CN 2H-Indol-2-one, 3,3-bis[4-(acetyloxy)phenyl]-1,3-dihydro- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD
(3 CITINGS)

L9 ANSWER 6 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2006:796143 CAPLUS

DOCUMENT NUMBER: 145:230413

TITLE: Preparation of xanthene and tris phenyl compounds as

tumor necrosis factor inhibitors

INVENTOR(S): Xiao, Yingxin; Ottenbrite, Raphael

PATENT ASSIGNEE(S): Ception Therapeutics, Inc., USA

SOURCE: PCT Int. Appl., 78pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2006083869	A2	20060810	WO 2006-US3403	20060131
WO 2006083869	A3	20070125		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				

PRIORITY APPLN. INFO.: US 2005-648973P P 20050131

OTHER SOURCE(S): CASREACT 145:230413; MARPAT 145:230413

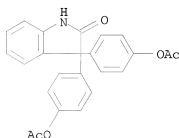
GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The present invention is directed to compds. that are allosteric inhibitors of tumor necrosis factor receptor I, compns. comprising such compds., and methods of using such compds. and compns. thereof in the treatment of TNF- α mediated conditions. Specifically the invention is directed towards compds. represented by formula I, II, or III wherein R1-R12 = H, alkyl, OH, alkoxy, halo, NO2, CN, borono, aryl, aryloxy, etc.; X is absent or = O, NR28, or S; R28 = H, alkyl, or aryl;

q-x = 0-3. These small mol. compds. bind to an allosteric site on TNF-R1, thus inhibiting binding of TNF- α to TNF-R1 and reducing activity of the TNF- α /TNF-R1 signaling pathway. Synthesis of some of the compds. is exemplified. For example, IV was prepared by reacting Me bromoacetate and 1,1,1-tris(4-hydroxyphenyl)ethane. In a TNF- α mediated cytotoxicity assay, IV (25-100 μ M) caused 14.8-36.7% inhibition.

IT 115-33-3, 3,3-Bis[4-(acetyloxy)phenyl]-1,3-dihydro-2H-indol-2-one
 RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (drug candidate; preparation of xanthene and tris Ph compds. as tumor necrosis factor inhibitors for treating autoimmune or inflammatory conditions)
 RN 115-33-3 CAPLUS
 CN 2H-Indol-2-one, 3,3-bis[4-(acetyloxy)phenyl]-1,3-dihydro- (CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

L9 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2005:1123755 CAPLUS

DOCUMENT NUMBER: 143:405798

TITLE: Preparation of 3,3-diphenyl-indol-2-one derivatives as anticancer agents

INVENTOR(S): Felding, Jakob; Pedersen, Hans Christian; Krog-Jensen, Christian; Praestegaard, Morten; Butcher, Steven Peter; Linde, Viggo; Coulter, Thomas Stephen; Montalbetti, Christian; Uddin, Mohammed; Reignier, Serge

PATENT ASSIGNEE(S): Biologie A/S, Den.

SOURCE: PCT Int. Appl., 85 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005097107	A2	20051020	WO 2005-DK244	20050408
WO 2005097107	A3	20060330		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, SZ, BE, CY, FR, GR, IE, IT, MC, NL, SI, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
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 EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
 RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
 MR, NE, SN, TD, TG

AU 2005230232	A1	20051020	AU 2005-230232	20050408
CA 2562399	A1	20051020	CA 2005-2562399	20050408
EP 1734951	A2	20061227	EP 2005-715161	20050408
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CN 1953747	A	20070425	CN 2005-80010250	20050408
BR 2005009745	A	20070925	BR 2005-9745	20050408
JP 2007532496	T	20071115	JP 2007-506660	20050408
MX 2006010822	A	20061120	MX 2006-10822	20060921
ZA 2006008044	A	20080130	ZA 2006-8044	20060927
IN 2006KN03070	A	20070608	IN 2006-KN3070	20061023
NO 2006005034	A	20061102	NO 2006-5034	20061102
KR 2006130781	A	20061219	KR 2006-723439	20061108
US 20070299102	A1	20071227	US 2007-599121	20070601

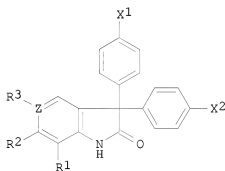
PRIORITY APPLN. INFO.:

DK 2004-576	A	20040408
DK 2004-693	A	20040501
DK 2004-1153	A	20040727
DK 2004-1216	A	20040811
WO 2005-DK244	W	20050408

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): CASREACT 143:405798; MARPAT 143:405798

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I

AB Title compds. represented by the formula I [R1 = H, halo, alkyl, etc.; R2 = H, halo, (un)substituted aryl, etc.; R3 = H, (un)substituted alkoxy, halo, etc.; Z = CH or N; X1, X2 = independently halo, amino, aminosulfonylalkyl, etc.; and pharmaceutically acceptable salts or prodrugs thereof] were prepared as anticancer agents. For example, 6-chloro-3-bis(4-hydroxyphenyl)-7-methyl-1,3-dihydro-indol-2-one (II) was provided in a multi-step synthesis starting from 2-methyl-3-chloroaniline. I showed inhibition of proliferation of MDA-468 human breast cancer cells at lower concns., and II was tested in protein synthesis, translation control, PC3M human prostate cancer cell and etc. Thus, I and their pharmaceutical compns. are useful for the treatment of cancers in which inhibition of protein synthesis and/or inhibition of activation of the mTOR pathway is an effective method for reducing cell growth, such as human breast cancer and prostate cancer.

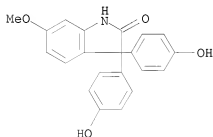
IT 20206-13-7P, 3,3-Bis(4-hydroxyphenyl)-6-methoxy-1,3-dihydroindol-2-one 20206-14-8P, 3,3-Bis(4-hydroxyphenyl)-6,7-dimethyl-1,3-

dihydroindol-2-one 20518-58-5P,
 3,3-Bis(4-hydroxyphenyl)-5-methoxy-1,3-dihydroindol-2-one
 47414-01-7P, 3,3-Bis(4-hydroxyphenyl)-5-methyl-1,3-dihydroindol-2-one
 47465-96-3P, 3,3-Bis(4-hydroxyphenyl)-5,7-dimethyl-1,3-dihydroindol-2-one
 97573-55-2P,
 3,3-Bis(4-hydroxyphenyl)-6-methyl-1,3-dihydroindol-2-one
 352691-99-7P 426251-98-1P 859068-47-6P,
 3,3-Bis(4-hydroxyphenyl)-5-iodo-1,3-dihydroindol-2-one
 861070-76-0P 867154-57-2P 867154-58-3P
 867154-59-4P 867154-60-7P,
 3,3-Bis(4-hydroxyphenyl)-5-trifluoromethoxy-1,3-dihydroindol-2-one
 867154-61-8P, 3,3-Bis(4-hydroxyphenyl)-2-oxo-2,3-dihydro-1H-indole-7-carboxylic acid
 867154-62-9P 867154-63-0P,
 3,3-Bis(4-hydroxyphenyl)-5-nitro-1,3-dihydroindol-2-one
 867154-64-1P 867154-65-2P 867154-66-3P
 867154-67-4P 867154-68-5P,
 3,3-Bis(4-hydroxyphenyl)-7-fluoro-1,3-dihydroindol-2-one
 867154-69-6P, 3,3-Bis(4-hydroxyphenyl)-7-methoxy-1,3-dihydroindol-2-one
 867154-70-9P 867154-72-1P
 867154-73-2P, 3,3-Bis(4-hydroxyphenyl)-7-[(morpholin-4-yl)carbonyl]-1,3-dihydroindol-2-one
 867154-76-5P
 867154-77-6P 867154-78-7P 867154-79-8P,
 3,3-Bis(4-hydroxyphenyl)-7-iodo-1,3-dihydroindol-2-one
 867154-80-1P, 3,3-Bis(4-hydroxyphenyl)-7-chloro-1,3-dihydroindol-2-one
 867154-81-2P, 3,3-Bis(4-hydroxyphenyl)-7-trifluoromethyl-1,3-dihydroindol-2-one
 867154-82-3P, Acetic acid
 4-[3-(4-acetoxophenyl)-6-chloro-7-methyl-2-oxo-2,3-dihydro-1H-indol-3-yl]phenyl ester
 867154-83-4P 867154-84-5P
 867154-85-6P, 3,3-Bis(4-hydroxyphenyl)-6-methoxy-7-methyl-1,3-dihydroindol-2-one
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 867154-95-8P 867154-96-9P,
 5-Hydroxy-3,3-bis(4-hydroxyphenyl)-7-methyl-1,3-dihydroindol-2-one
 867154-97-0P 867154-98-1P 867154-99-2P
 867155-00-8P 867155-01-9P 867155-02-0P
 RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 3,3-di-Ph-indol-2-one derivs. as anticancer agents)

RN 20206-13-7 CAPLUS

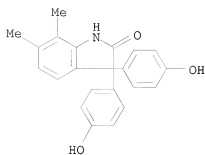
CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-6-methoxy- (CA INDEX NAME)



RN 20206-14-8 CAPLUS

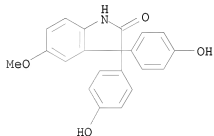
CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-6,7-dimethyl- (CA

INDEX NAME)



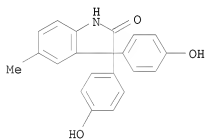
RN 20518-58-5 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-5-methoxy- (CA INDEX NAME)



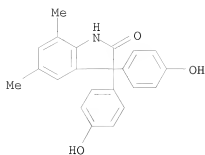
RN 47414-01-7 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-5-methyl- (CA INDEX NAME)

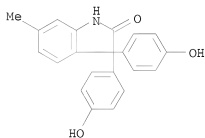


RN 47465-96-3 CAPLUS

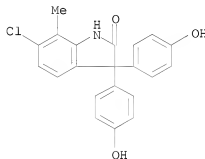
CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-5,7-dimethyl- (CA INDEX NAME)



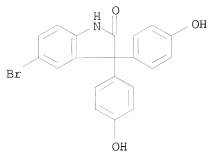
RN 97573-55-2 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-6-methyl- (CA INDEX NAME)



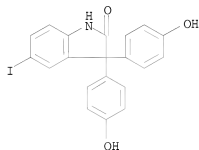
RN 352691-99-7 CAPLUS
 CN 2H-Indol-2-one, 6-chloro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)-7-methyl- (CA INDEX NAME)



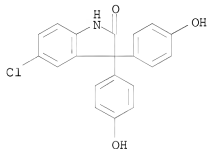
RN 426251-98-1 CAPLUS
 CN 2H-Indol-2-one, 5-bromo-1,3-dihydro-3,3-bis(4-hydroxyphenyl)- (CA INDEX NAME)



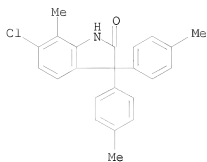
RN 859068-47-6 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-5-iodo- (CA INDEX NAME)



RN 861070-76-0 CAPLUS
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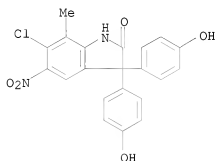


RN 867154-57-2 CAPLUS
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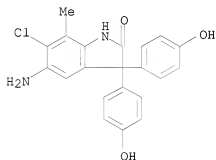
RN 867154-58-3 CAPLUS

CN 2H-Indol-2-one, 6-chloro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)-7-methyl-5-nitro- (CA INDEX NAME)



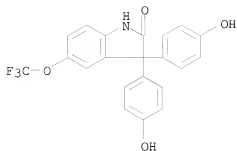
RN 867154-59-4 CAPLUS

CN 2H-Indol-2-one, 5-amino-6-chloro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)-7-methyl- (CA INDEX NAME)



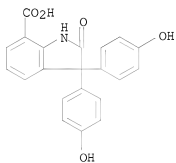
RN 867154-60-7 CAPLUS

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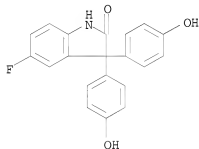
RN 867154-61-8 CAPLUS

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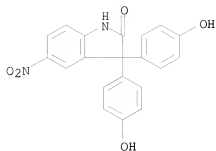
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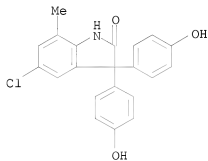


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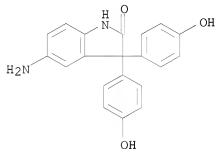
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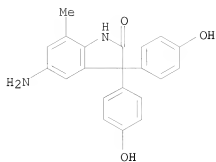
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 CN 2H-Indol-2-one, 5-chloro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)-7-methyl-
 (CA INDEX NAME)



RN 867154-65-2 CAPLUS
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 NAME)

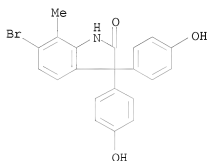


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 (CA INDEX NAME)



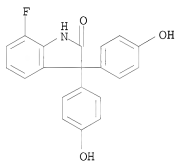
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(CA INDEX NAME)



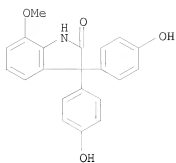
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NAME)

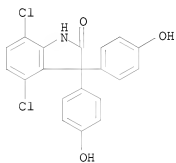


RN 867154-69-6 CAPLUS

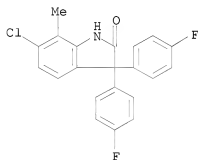
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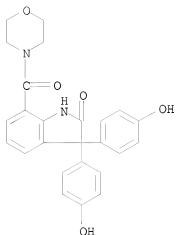
RN 867154-70-9 CAPLUS
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RN 867154-72-1 CAPLUS
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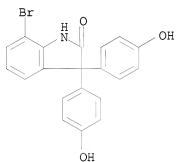


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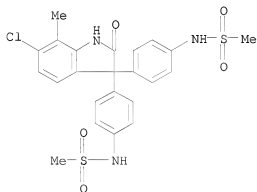
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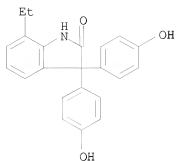
RN 867154-77-6 CAPLUS

CN Methanesulfonamide, N,N'-[(6-chloro-1,2-dihydro-7-methyl-2-oxo-3H-indol-3-ylidene)di-4,1-phenylene]bis- (CA INDEX NAME)

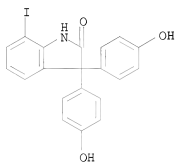


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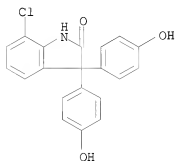
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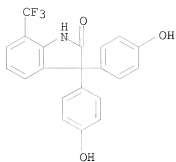
RN 867154-79-8 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)-7-iodo- (CA INDEX NAME)



RN 867154-80-1 CAPLUS
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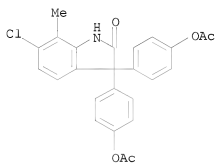


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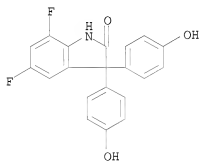
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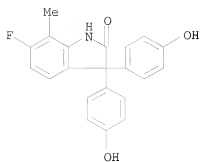
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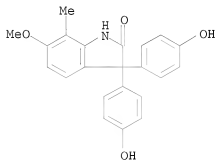
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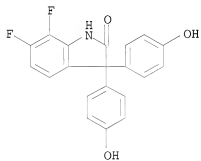
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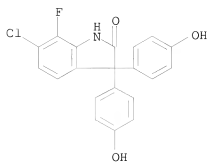
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INDEX NAME)



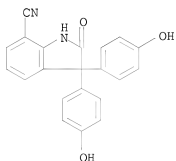
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CN 2H-Indol-2-one, 6-chloro-7-fluoro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)-
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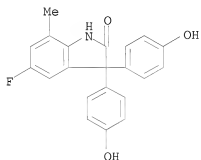
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CN 1H-Indole-7-carbonitrile, 2,3-dihydro-3,3-bis(4-hydroxyphenyl)-2-oxo- (CA INDEX NAME)



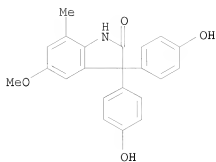
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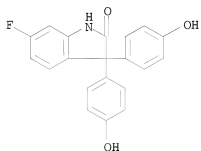
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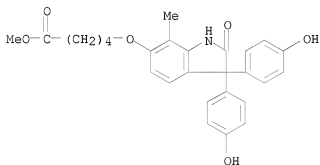
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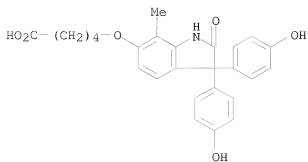
RN 867154-93-6 CAPLUS

CN Pentanoic acid, 5-[[[2,3-dihydro-3,3-bis(4-hydroxyphenyl)-7-methyl-2-oxo-1H-indol-6-yl]oxy]-, methyl ester (CA INDEX NAME)

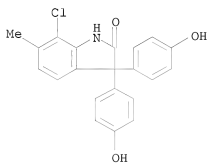


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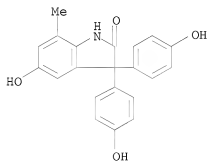
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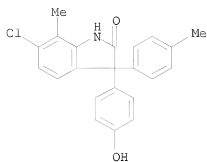
RN 867154-95-8 CAPLUS
 CN 2H-Indol-2-one, 7-chloro-1,3-dihydro-3,3-bis(4-hydroxyphenyl)-6-methyl-
 (CA INDEX NAME)



RN 867154-96-9 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-5-hydroxy-3,3-bis(4-hydroxyphenyl)-7-methyl-
 (CA INDEX NAME)

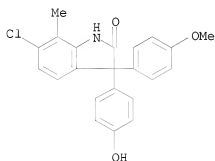


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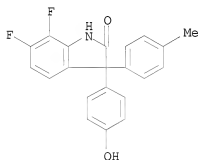
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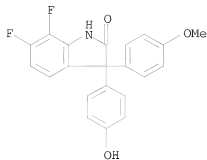
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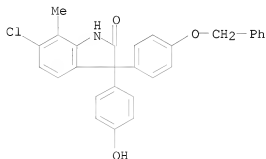
RN 867155-00-8 CAPLUS

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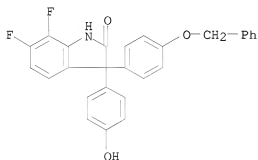
RN 867155-01-9 CAPLUS

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RN 867155-02-0 CAPLUS

CN 2H-Indol-2-one, 6,7-difluoro-1,3-dihydro-3-(4-hydroxyphenyl)-3-[4-(phenylmethoxy)phenyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

L9 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2005:962211 CAPLUS

DOCUMENT NUMBER: 143:266816

TITLE: Preparation of 3-3-di-substituted oxindoles as inhibitors of translation initiation
Halperin, Jose A.; Natarajan, Amarnath; Aktas, Huseyin; Fan, Yun-Hua; Chen, Han

PATENT ASSIGNEE(S): President and Fellows of Harvard College, USA

SOURCE: PCT Int. Appl., 65 pp.

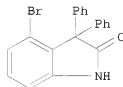
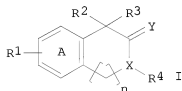
DOCUMENT TYPE: CODEN: PIXXD2
 LANGUAGE: Patent
 FAMILY ACC. NUM. COUNT: 1 English
 PATENT INFORMATION:

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WO 2005080335	A1	20050901	WO 2005-US4373	20050211
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
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AU 2005214338	A1	20050901	AU 2005-214338	20050211
CA 2555812	A1	20050901	CA 2005-2555812	20050211
EP 1718611	A1	20061108	EP 2005-722960	20050211
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JP 2007522234	T	20070809	JP 2006-553263	20050211
US 20070099976	A1	20070503	US 2006-463421	20060809
US 20090299058	A1	20091203	US 2009-368588	20090210
PRIORITY APPLN. INFO.:			US 2004-544384P	P 20040213
			WO 2005-US4373	W 20050211
			US 2006-463421	A3 20060809

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): CASREACT 143:266816; MARPAT 143:266816

GI



II

AB A compds. I [A = carbocyclic aromatic, heterocyclic and heteroarom. ring; R1 = haloalkyl, (un)substituted (alkyl)aryl, halogen, CN, CO2H, alkenyl, alkynyl, alkoxy and cycloalkyl; R2, R3 and R4 = independently (un)substituted aryl, heterocyclic, heteroarom., Ar-NHSO2Ar and Ar-NHCO-Ar; X and Y = independently (un)substituted N, O, S and C; n = 0-4] were prepared as inhibitors of translation initiation for treating of

cellular proliferative disorder in a human and non-human mammals. Thus, compound II was prepared by condensation of 3-bromoaniline with hydroxylamine hydrochloride and chloral hydrate, following by cyclization and phenylation, and showed pos. calcium release from intracellular stores and IC50 = 8 for lung cancer cell growth inhibition.

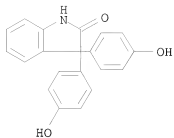
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of substituted oxindoles as inhibitors of translation initiation)

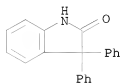
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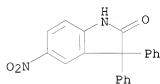
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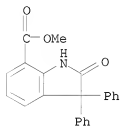
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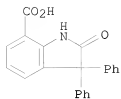
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CN 1H-Indole-7-carboxylic acid, 2,3-dihydro-2-oxo-3,3-diphenyl-, methyl ester (CA INDEX NAME)



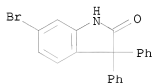
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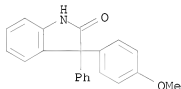
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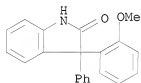
RN 51180-86-0 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3-(4-methoxyphenyl)-3-phenyl- (CA INDEX NAME)



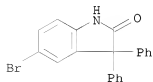
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CN 2H-Indol-2-one, 1,3-dihydro-3-(2-methoxyphenyl)-3-phenyl- (CA INDEX NAME)



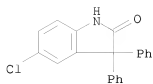
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CN 2H-Indol-2-one, 5-bromo-1,3-dihydro-3,3-diphenyl- (CA INDEX NAME)



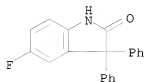
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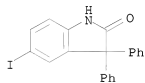
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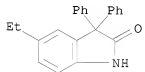
RN 685890-62-4 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-5-iodo-3,3-diphenyl- (CA INDEX NAME)



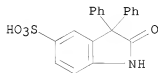
RN 685890-64-6 CAPLUS

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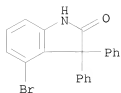
RN 685890-67-9 CAPLUS

CN 1H-Indole-5-sulfonic acid, 2,3-dihydro-2-oxo-3,3-diphenyl- (CA INDEX NAME)



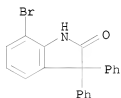
RN 685890-69-1 CAPLUS

CN 2H-Indol-2-one, 4-bromo-1,3-dihydro-3,3-diphenyl- (CA INDEX NAME)



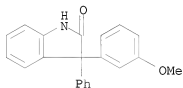
RN 685890-72-6 CAPLUS

CN 2H-Indol-2-one, 7-bromo-1,3-dihydro-3,3-diphenyl- (CA INDEX NAME)



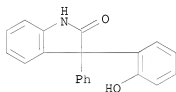
RN 685890-79-3 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3-(3-methoxyphenyl)-3-phenyl- (CA INDEX NAME)



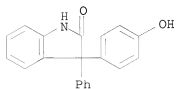
RN 685890-82-8 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3-(2-hydroxyphenyl)-3-phenyl- (CA INDEX NAME)



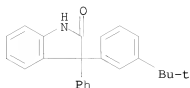
RN 685890-84-0 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3-(4-hydroxyphenyl)-3-phenyl- (CA INDEX NAME)



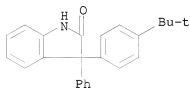
RN 685890-86-2 CAPLUS

CN 2H-Indol-2-one, 3-[3-(1,1-dimethylethyl)phenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



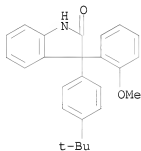
RN 685890-88-4 CAPLUS

CN 2H-Indol-2-one, 3-[4-(1,1-dimethylethyl)phenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



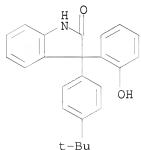
RN 685890-90-8 CAPLUS

CN 2H-Indol-2-one, 3-[4-(1,1-dimethylethyl)phenyl]-1,3-dihydro-3-(2-methoxyphenyl)- (CA INDEX NAME)



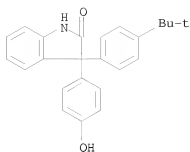
RN 685890-91-9 CAPLUS

CN 2H-Indol-2-one, 3-[4-(1,1-dimethylethyl)phenyl]-1,3-dihydro-3-(2-hydroxyphenyl)- (CA INDEX NAME)



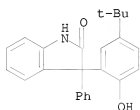
RN 685890-93-1 CAPLUS

CN 2H-Indol-2-one, 3-[4-(1,1-dimethylethyl)phenyl]-1,3-dihydro-3-(4-hydroxyphenyl)- (CA INDEX NAME)



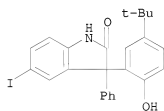
RN 685890-94-2 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



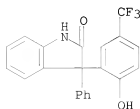
RN 685890-95-3 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-5-iodo-3-phenyl- (CA INDEX NAME)



RN 685890-96-4 CAPLUS

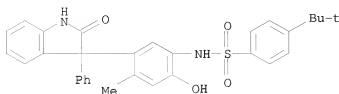
CN 2H-Indol-2-one, 1,3-dihydro-3-[2-hydroxy-5-(trifluoromethyl)phenyl]-3-phenyl- (CA INDEX NAME)



RN 783324-17-4 CAPLUS

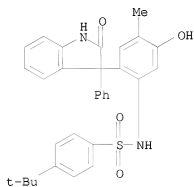
CN Benzenesulfonamide, N-[5-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-2-phenyl-]

hydroxy-4-methylphenyl]-4-(1,1-dimethylethyl)- (CA INDEX NAME)



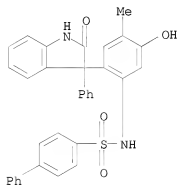
RN 783324-18-5 CAPLUS

CN Benzenesulfonamide, N-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-5-hydroxy-4-methylphenyl]-4-(1,1-dimethylethyl)- (CA INDEX NAME)



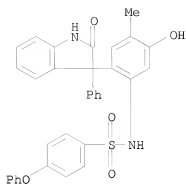
RN 783324-19-6 CAPLUS

CN [1,1'-Biphenyl]-4-sulfonamide, N-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-5-hydroxy-4-methylphenyl]- (CA INDEX NAME)

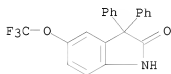


RN 783324-20-9 CAPLUS

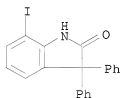
CN Benzenesulfonamide, N-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-5-hydroxy-4-methylphenyl]-4-phenoxy- (CA INDEX NAME)



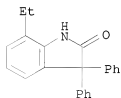
RN 863778-85-2 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3,3-diphenyl-5-(trifluoromethoxy)- (CA INDEX NAME)



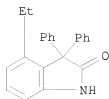
RN 863778-90-9 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-7-iodo-3,3-diphenyl- (CA INDEX NAME)



RN 863778-92-1 CAPLUS
 CN 2H-Indol-2-one, 7-ethyl-1,3-dihydro-3,3-diphenyl- (CA INDEX NAME)

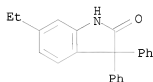


RN 863778-97-6 CAPLUS
 CN 2H-Indol-2-one, 4-ethyl-1,3-dihydro-3,3-diphenyl- (CA INDEX NAME)



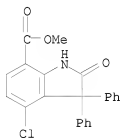
RN 863779-00-4 CAPLUS

CN 2H-Indol-2-one, 6-ethyl-1,3-dihydro-3,3-diphenyl- (CA INDEX NAME)



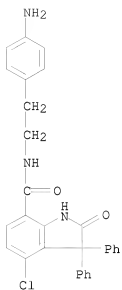
RN 863779-06-0 CAPLUS

CN 1H-Indole-7-carboxylic acid, 4-chloro-2,3-dihydro-2-oxo-3,3-diphenyl-, methyl ester (CA INDEX NAME)



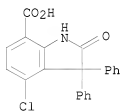
RN 863779-08-2 CAPLUS

CN 1H-Indole-7-carboxamide, N-[2-(4-aminophenyl)ethyl]-4-chloro-2,3-dihydro-2-oxo-3,3-diphenyl- (CA INDEX NAME)



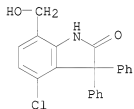
RN 863779-09-3 CAPLUS

CN 1H-Indole-7-carboxylic acid, 4-chloro-2,3-dihydro-2-oxo-3,3-diphenyl- (CA INDEX NAME)



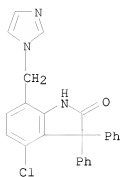
RN 863779-10-6 CAPLUS

CN 2H-Indol-2-one, 4-chloro-1,3-dihydro-7-(hydroxymethyl)-3,3-diphenyl- (CA INDEX NAME)



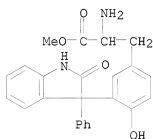
RN 863779-11-7 CAPLUS

CN 2H-Indol-2-one, 4-chloro-1,3-dihydro-7-(1H-imidazol-1-ylmethyl)-3,3-diphenyl- (CA INDEX NAME)



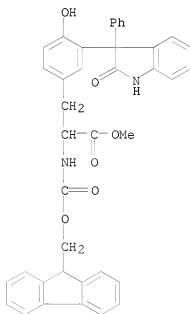
RN 863779-12-8 CAPLUS

CN Tyrosine, 3-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-, methyl ester (CA INDEX NAME)



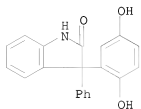
RN 863779-13-9 CAPLUS

CN Tyrosine, 3-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-N-[(9H-fluoren-9-ylmethoxy)carbonyl]-, methyl ester (CA INDEX NAME)



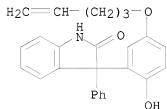
RN 863779-15-1 CAPLUS

CN 2H-Indol-2-one, 3-(2,5-dihydroxyphenyl)-1,3-dihydro-3-phenyl- (CA INDEX NAME)



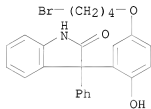
RN 863779-16-2 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3-[2-hydroxy-5-(4-penten-1-yloxy)phenyl]-3-phenyl- (CA INDEX NAME)



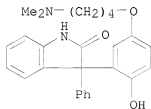
RN 863779-17-3 CAPLUS

CN 2H-Indol-2-one, 3-[5-(4-bromobutoxy)-2-hydroxyphenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



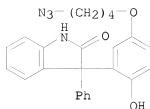
RN 863779-18-4 CAPLUS

CN 2H-Indol-2-one, 3-[5-[4-(dimethylamino)butoxy]-2-hydroxyphenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



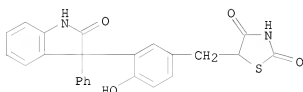
RN 863779-19-5 CAPLUS

CN 2H-Indol-2-one, 3-[5-(4-azidobutoxy)-2-hydroxyphenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



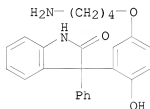
RN 863779-20-8 CAPLUS

CN 2,4-Thiazolidinedione, 5-[[3-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-4-hydroxyphenyl]methyl]- (CA INDEX NAME)



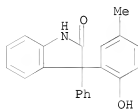
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CN 2H-Indol-2-one, 3-[5-(4-aminobutoxy)-2-hydroxyphenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



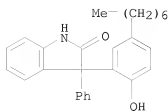
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CN 2H-Indol-2-one, 1,3-dihydro-3-(2-hydroxy-5-methylphenyl)-3-phenyl- (CA INDEX NAME)

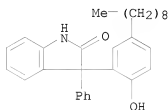


RN 863779-23-1 CAPLUS

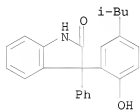
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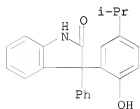
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 CN 2H-Indol-2-one, 1,3-dihydro-3-(2-hydroxy-5-nonylphenyl)-3-phenyl- (CA
 INDEX NAME)



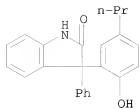
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 CN 2H-Indol-2-one, 1,3-dihydro-3-[2-hydroxy-5-(2-methylpropyl)phenyl]-3-
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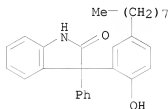
RN 863779-26-4 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3-[2-hydroxy-5-(1-methylethyl)phenyl]-3-phenyl-
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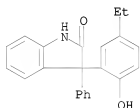
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 CN 2H-Indol-2-one, 1,3-dihydro-3-(2-hydroxy-5-propylphenyl)-3-phenyl- (CA
 INDEX NAME)



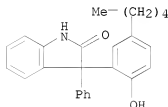
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 CN 2H-Indol-2-one, 1,3-dihydro-3-(2-hydroxy-5-octylphenyl)-3-phenyl- (CA
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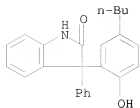
RN 863779-29-7 CAPLUS
 CN 2H-Indol-2-one, 3-(5-ethyl-2-hydroxyphenyl)-1,3-dihydro-3-phenyl- (CA
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 CN 2H-Indol-2-one, 1,3-dihydro-3-(2-hydroxy-5-pentylphenyl)-3-phenyl- (CA
 INDEX NAME)

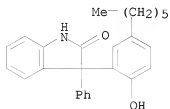


RN 863779-31-1 CAPLUS
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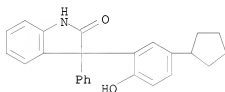
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CN 2H-Indol-2-one, 3-(5-hexyl-2-hydroxyphenyl)-1,3-dihydro-3-phenyl- (CA INDEX NAME)



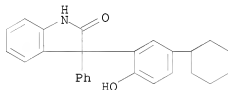
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CN 2H-Indol-2-one, 3-(5-cyclopentyl-2-hydroxyphenyl)-1,3-dihydro-3-phenyl- (CA INDEX NAME)



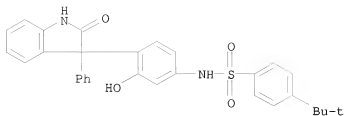
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CN 2H-Indol-2-one, 3-(5-cyclohexyl-2-hydroxyphenyl)-1,3-dihydro-3-phenyl- (CA INDEX NAME)



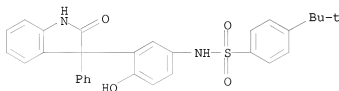
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CN Benzenesulfonamide, N-[4-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-3-hydroxyphenyl]-4-(1,1-dimethylethyl)- (CA INDEX NAME)



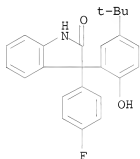
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CN Benzenesulfonamide, N-[3-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-4-hydroxyphenyl]-4-(1,1-dimethylethyl)- (CA INDEX NAME)



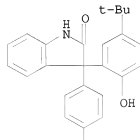
RN 863779-37-7 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-3-(4-fluorophenyl)-1,3-dihydro- (CA INDEX NAME)



RN 863779-38-8 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-3-[4-(4-penten-1-yloxy)phenyl]- (CA INDEX NAME)

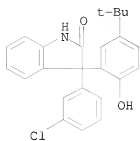


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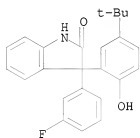
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hydroxyphenyl]-1,3-dihydro- (CA INDEX NAME)



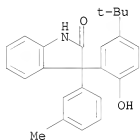
RN 863779-40-2 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-3-(3-fluorophenyl)-1,3-dihydro- (CA INDEX NAME)



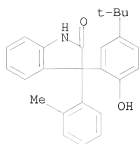
RN 863779-41-3 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-3-(3-methylphenyl)- (CA INDEX NAME)



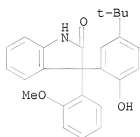
RN 863779-42-4 CAPLUS

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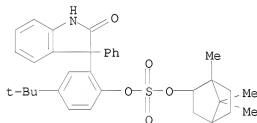
RN 863779-43-5 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-3-(2-methoxyphenyl)- (CA INDEX NAME)



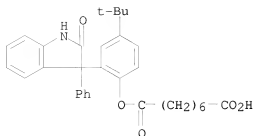
RN 863779-44-6 CAPLUS

CN Sulfuric acid, 2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-4-(1,1-dimethylethyl)phenyl 1,7,7-trimethylbicyclo[2.2.1]hept-2-yl ester (CA INDEX NAME)



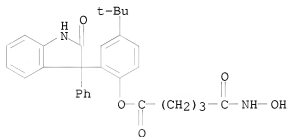
RN 863779-45-7 CAPLUS

CN Octanedioic acid, 1-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-4-(1,1-dimethylethyl)phenyl] ester (CA INDEX NAME)



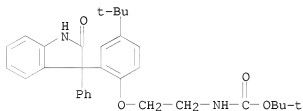
RN 863779-46-8 CAPLUS

CN Pentanoic acid, 5-(hydroxyamino)-5-oxo-,
2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-4-(1,1-dimethylethyl)phenyl
ester (CA INDEX NAME)



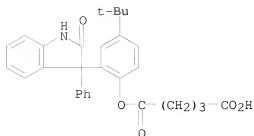
RN 863779-47-9 CAPLUS

CN Carbamic acid, [2-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-4-(1,1-dimethylethyl)phenoxy]ethyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



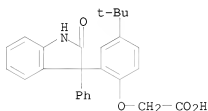
RN 863779-48-0 CAPLUS

CN Pentanedioic acid, 1-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-4-(1,1-dimethylethyl)phenyl] ester (CA INDEX NAME)



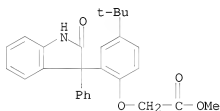
RN 863779-49-1 CAPLUS

CN Acetic acid, 2-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-4-(1,1-dimethylethyl)phenoxy]- (CA INDEX NAME)



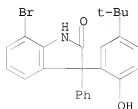
RN 863779-50-4 CAPLUS

CN Acetic acid, 2-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-4-(1,1-dimethylethyl)phenoxy]-, methyl ester (CA INDEX NAME)



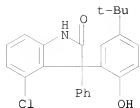
RN 863779-51-5 CAPLUS

CN 2H-Indol-2-one, 7-bromo-3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



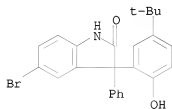
RN 863779-52-6 CAPLUS

CN 2H-Indol-2-one, 4-chloro-3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



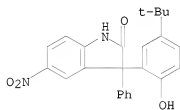
RN 863779-53-7 CAPLUS

CN 2H-Indol-2-one, 5-bromo-3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



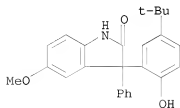
RN 863779-54-8 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-5-nitro-3-phenyl- (CA INDEX NAME)



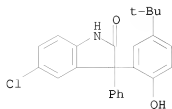
RN 863779-55-9 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-5-methoxy-3-phenyl- (CA INDEX NAME)



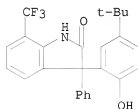
RN 863779-56-0 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-5-chloro-3-phenyl- (CA INDEX NAME)



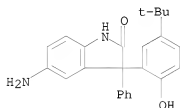
RN 863779-57-1 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-3-phenyl-7-(trifluoromethyl)- (CA INDEX NAME)



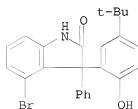
RN 863779-58-2 CAPLUS

CN 2H-Indol-2-one, 5-amino-3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



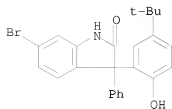
RN 863779-59-3 CAPLUS

CN 2H-Indol-2-one, 4-bromo-3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



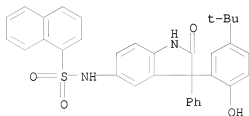
RN 863779-60-6 CAPLUS

CN 2H-Indol-2-one, 6-bromo-3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



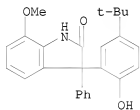
RN 863779-61-7 CAPLUS

CN 1-Naphthalenesulfonamide, N-[3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-2,3-dihydro-2-oxo-3-phenyl-1H-indol-5-yl]- (CA INDEX NAME)



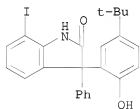
RN 863779-62-8 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-7-methoxy-3-phenyl- (CA INDEX NAME)



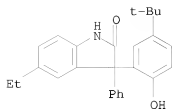
RN 863779-63-9 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-7-iodo-3-phenyl- (CA INDEX NAME)



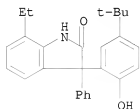
RN 863779-64-0 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-5-ethyl-1,3-dihydro-3-phenyl- (CA INDEX NAME)



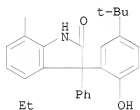
RN 863779-65-1 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-7-ethyl-1,3-dihydro-3-phenyl- (CA INDEX NAME)



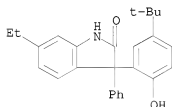
RN 863779-66-2 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-4-ethyl-1,3-dihydro-3-phenyl- (CA INDEX NAME)



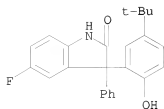
RN 863779-67-3 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-6-ethyl-1,3-dihydro-3-phenyl- (CA INDEX NAME)



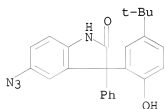
RN 863779-68-4 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-5-fluoro-1,3-dihydro-3-phenyl- (CA INDEX NAME)



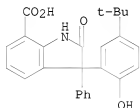
RN 863779-69-5 CAPLUS

CN 2H-Indol-2-one, 5-fluoro-3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



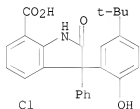
RN 863779-70-8 CAPLUS

CN 1H-Indole-7-carboxylic acid, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-2,3-dihydro-2-oxo-3-phenyl- (CA INDEX NAME)



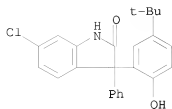
RN 863779-71-9 CAPLUS

CN 1H-Indole-7-carboxylic acid, 4-chloro-3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-2,3-dihydro-2-oxo-3-phenyl- (CA INDEX NAME)



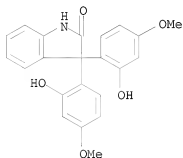
RN 863779-72-0 CAPLUS

CN 2H-Indol-2-one, 6-chloro-3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



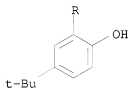
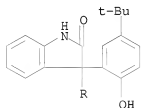
RN 863779-73-1 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(2-hydroxy-4-methoxyphenyl)- (CA INDEX NAME)



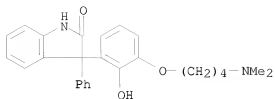
RN 863779-74-2 CAPLUS

CN 2H-Indol-2-one, 3,3-bis[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro- (CA INDEX NAME)



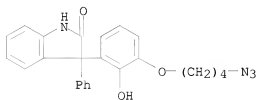
RN 863779-75-3 CAPLUS

CN 2H-Indol-2-one, 3-[3-[4-(dimethylamino)butoxy]-2-hydroxyphenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



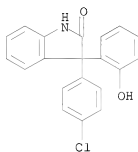
RN 863779-76-4 CAPLUS

CN 2H-Indol-2-one, 3-[3-(4-azidobutoxy)-2-hydroxyphenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



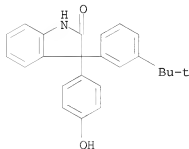
RN 863779-77-5 CAPLUS

CN 2H-Indol-2-one, 3-(4-chlorophenyl)-1,3-dihydro-3-(2-hydroxyphenyl)- (CA INDEX NAME)



RN 863779-78-6 CAPLUS

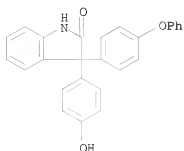
CN 2H-Indol-2-one, 3-[3-(1,1-dimethylethyl)phenyl]-1,3-dihydro-3-(4-hydroxyphenyl)- (CA INDEX NAME)



RN 863779-79-7 CAPLUS

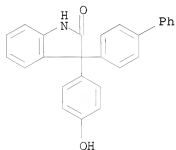
CN 2H-Indol-2-one, 1,3-dihydro-3-(4-hydroxyphenyl)-3-(4-phenoxyphenyl)- (CA INDEX NAME)

INDEX NAME)



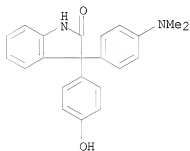
RN 863779-80-0 CAPLUS

CN 2H-Indol-2-one, 3-[1,1'-biphenyl]-4-yl-1,3-dihydro-3-(4-hydroxyphenyl)-
(CA INDEX NAME)



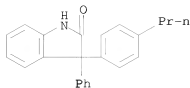
RN 863779-81-1 CAPLUS

CN 2H-Indol-2-one, 3-[4-(dimethylamino)phenyl]-1,3-dihydro-3-(4-hydroxyphenyl)-
(CA INDEX NAME)



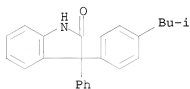
RN 863779-82-2 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3-phenyl-3-(4-propylphenyl)- (CA INDEX NAME)



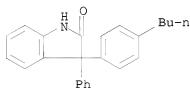
RN 863779-83-3 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3-[4-(2-methylpropyl)phenyl]-3-phenyl- (CA INDEX NAME)



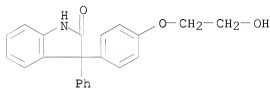
RN 863779-85-5 CAPLUS

CN 2H-Indol-2-one, 3-(4-butylphenyl)-1,3-dihydro-3-phenyl- (CA INDEX NAME)



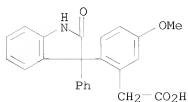
RN 863779-87-7 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3-[4-(2-hydroxyethoxy)phenyl]-3-phenyl- (CA INDEX NAME)



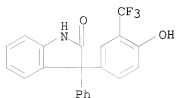
RN 863779-88-8 CAPLUS

CN Benzeneacetic acid, 2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-5-methoxy- (CA INDEX NAME)



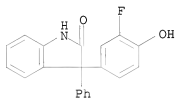
RN 863779-89-9 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3-[4-hydroxy-3-(trifluoromethyl)phenyl]-3-phenyl- (CA INDEX NAME)



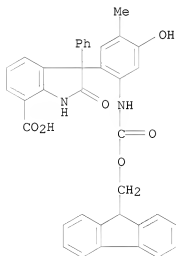
RN 863779-90-2 CAPLUS

CN 2H-Indol-2-one, 3-(3-fluoro-4-hydroxyphenyl)-1,3-dihydro-3-phenyl- (CA INDEX NAME)



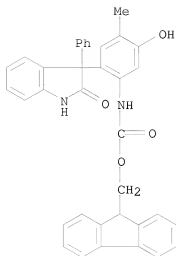
RN 863779-91-3 CAPLUS

CN 1H-Indole-7-carboxylic acid, 3-[2-[(9H-fluoren-9-ylmethoxy)carbonylamino]-4-hydroxy-5-methylphenyl]-2,3-dihydro-2-oxo-3-phenyl- (CA INDEX NAME)



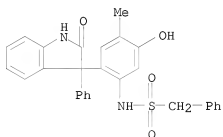
RN 863779-92-4 CAPLUS

CN Carbamic acid, [2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-5-hydroxy-4-methylphenyl]-, 9H-fluoren-9-ylmethyl ester (9CI) (CA INDEX NAME)



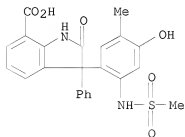
RN 863779-93-5 CAPLUS

CN Benzenemethanesulfonamide, N-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-5-hydroxy-4-methylphenyl]- (CA INDEX NAME)



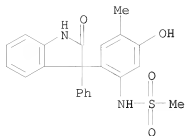
RN 863779-94-6 CAPLUS

CN 1H-Indole-7-carboxylic acid, 2,3-dihydro-3-[4-hydroxy-5-methyl-2-[(methylsulfonyl)amino]phenyl]-2-oxo-3-phenyl- (CA INDEX NAME)



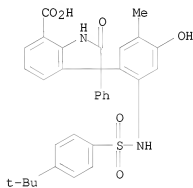
RN 863779-95-7 CAPLUS

CN Methanesulfonamide, N-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-5-hydroxy-4-methylphenyl]- (CA INDEX NAME)



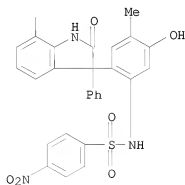
RN 863779-96-8 CAPLUS

CN 1H-Indole-7-carboxylic acid, 3-[2-[[[4-(1,1-dimethylethyl)phenyl]sulfonyl]amino]-4-hydroxy-5-methylphenyl]-2,3-dihydro-2-oxo-3-phenyl- (CA INDEX NAME)



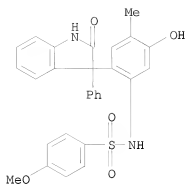
RN 863780-00-1 CAPLUS

CN Benzenesulfonamide, N-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-5-hydroxy-4-methylphenyl]-4-nitro- (CA INDEX NAME)



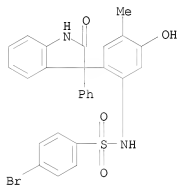
RN 863780-01-2 CAPLUS

CN Benzenesulfonamide, N-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-5-hydroxy-4-methylphenyl]-4-methoxy- (CA INDEX NAME)



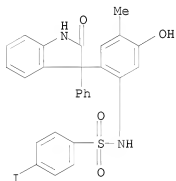
RN 863780-02-3 CAPLUS

CN Benzenesulfonamide, 4-bromo-N-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-5-hydroxy-4-methylphenyl]- (CA INDEX NAME)



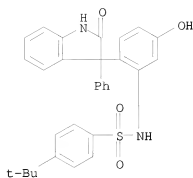
RN 863780-03-4 CAPLUS

CN Benzenesulfonamide, N-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-5-hydroxy-4-methylphenyl]-4-iodo- (CA INDEX NAME)



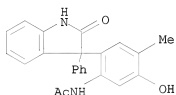
RN 863780-04-5 CAPLUS

CN Benzenesulfonamide, N-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-5-hydroxyphenyl]-4-(1,1-dimethylethyl)- (CA INDEX NAME)



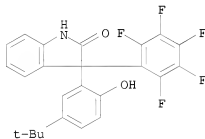
RN 863780-05-6 CAPLUS

CN Acetamide, N-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-5-hydroxy-4-methylphenyl]- (CA INDEX NAME)



RN 863780-27-2 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-3-(2,3,4,5,6-pentafluorophenyl)- (CA INDEX NAME)

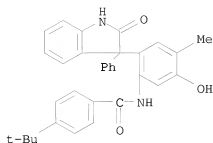


IT 863779-97-9P 863779-98-0P 863779-99-1P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation of substituted oxindoles as inhibitors of translation
initiation)

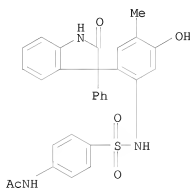
RN 863779-97-9 CAPLUS

CN Benzamide, N-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-5-hydroxy-4-methylphenyl]-4-(1,1-dimethylethyl)- (CA INDEX NAME)



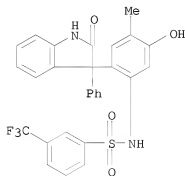
RN 863779-98-0 CAPLUS

CN Acetamide, N-[4-[[[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-5-hydroxy-4-methylphenyl]amino]sulfonyl]phenyl]- (CA INDEX NAME)



RN 863779-99-1 CAPLUS

CN Benzenesulfonamide, N-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-5-hydroxy-4-methylphenyl]-3-(trifluoromethyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2004:725576 CAPLUS

DOCUMENT NUMBER: 141:374412

TITLE: Novel Arylsulfoanilide-Oxindole Hybrid as an Anticancer Agent That Inhibits Translation Initiation

AUTHOR(S): Natarajan, Amarnath; Guo, Yuhong; Harbinski, Frederick; Fan, Yun-Hua; Chen, Han; Luus, Lia; Diercks, Jana; Aktas, Huseyin; Chorev, Michael; Halperin, Jose A.

CORPORATE SOURCE: Laboratory for Translational Research, Harvard Medical School, Cambridge, MA, 02139, USA

SOURCE: Journal of Medicinal Chemistry (2004), 47(21), 4979-4982
CODEN: JMCMAR; ISSN: 0022-2623

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

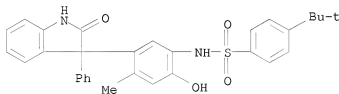
OTHER SOURCE(S): CASREACT 141:374412

AB Structure-activity relationship studies of substituted arylsulfoanilides as antiproliferatives, which are mediated by the partial depletion of intracellular Ca²⁺ stores, resulted in the identification of compds. with micromolar activity against lung cancer cells in a growth inhibition assay. Incorporating the substitution pattern of the best arylsulfoanilides onto the 3-phenyloxindole scaffold resulted in a potent arylsulfoanilide-oxindole hybrid, 27. Compound 27 inhibits cancer cell growth by partial depletion of intracellular Ca²⁺ stores and phosphorylation of eIF2 α .

IT 783324-17-4 783324-18-5 783324-19-6
783324-20-9
RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); PRP (Properties); THU (Therapeutic use); BIOL (Biological study); USES (Uses) (novel arylsulfoanilide-oxindole hybrid as an anticancer agent that inhibits translation initiation)

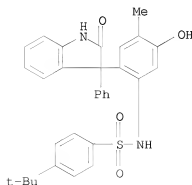
RN 783324-17-4 CAPLUS

CN Benzenesulfonamide, N-[5-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-2-hydroxy-4-methylphenyl]-4-(1,1-dimethylethyl)- (CA INDEX NAME)



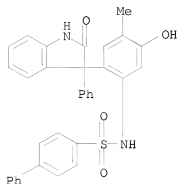
RN 783324-18-5 CAPLUS

CN Benzenesulfonamide, N-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-5-hydroxy-4-methylphenyl]-4-(1,1-dimethylethyl)- (CA INDEX NAME)



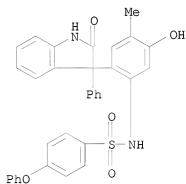
RN 783324-19-6 CAPLUS

CN [1,1'-Biphenyl]-4-sulfonamide, N-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-5-hydroxy-4-methylphenyl]- (CA INDEX NAME)



RN 783324-20-9 CAPLUS

CN Benzenesulfonamide, N-[2-(2,3-dihydro-2-oxo-3-phenyl-1H-indol-3-yl)-5-hydroxy-4-methylphenyl]-4-phenoxy- (CA INDEX NAME)

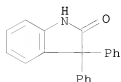


IT 1922-79-8 685890-94-2

RL: DMA (Drug mechanism of action); PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(novel arylsulfoanilide-oxindole hybrid as an anticancer agent that inhibits translation initiation)

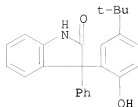
RN 1922-79-8 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3,3-diphenyl- (CA INDEX NAME)



RN 685890-94-2 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



OS.CITING REF COUNT: 12 THERE ARE 12 CAPLUS RECORDS THAT CITE THIS RECORD (12 CITINGS)
 REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2004:189011 CAPLUS

DOCUMENT NUMBER: 140:391175

TITLE: 3,3-Diaryl-1,3-dihydroindol-2-ones as Antiproliferatives Mediated by Translation Initiation Inhibition

AUTHOR(S): Natarajan, Amarnath; Fan, Yun-Hua; Chen, Han; Guo, Yuhong; Iyasere, Julia; Harbinski, Frederick; Christ, William J.; Aktas, Huseyin; Halperin, Jose A.

CORPORATE SOURCE: Laboratory for Translational Research, Harvard Medical School, Cambridge, MA, 02139, USA

SOURCE: Journal of Medicinal Chemistry (2004), 47(8), 1882-1885

CODEN: JMCMAR; ISSN: 0022-2623

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 140:391175

AB A series of substituted 3,3-diphenyl-1,3-dihydroindol-2-ones was synthesized from the corresponding isatins. The compds. were studied for cell growth inhibition mediated by partial depletion of intracellular Ca²⁺ stores that leads to phosphorylation of eIF2 α . 3,3-Diphenyloxindole showed mechanism-specific antiproliferative activity that was comparable to known translation initiation inhibitors such as clotrimazole or troglitazone. SAR studies identified 3-(5-tert.-butyl-2-hydroxyphenyl)-3-phenyloxindole as a lead compound for Ca²⁺-depletion-mediated inhibition of translation initiation.

IT 1922-79-8P 20367-87-7P 41007-58-3P

51180-86-0P 51180-87-1P 63483-15-8P

67241-13-8P 210549-74-9P 685890-62-4P

685890-64-6P 685890-67-9P 685890-69-1P

685890-72-6P 685890-79-3P 685890-82-8P

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685890-90-8P 685890-91-9P 685890-93-1P

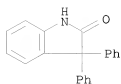
685890-94-2P 685890-95-3P 685890-96-4P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

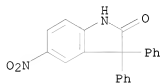
(preparation of 3,3-diaryl-1,3-dihydroindol-2-ones as antiproliferatives mediated by translation initiation inhibition)

RN 1922-79-8 CAPLUS

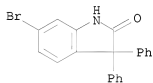
CN 2H-Indol-2-one, 1,3-dihydro-3,3-diphenyl- (CA INDEX NAME)



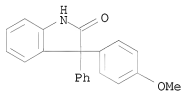
RN 20367-87-7 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-5-nitro-3,3-diphenyl- (CA INDEX NAME)



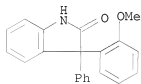
RN 41007-58-3 CAPLUS
 CN 2H-Indol-2-one, 6-bromo-1,3-dihydro-3,3-diphenyl- (CA INDEX NAME)



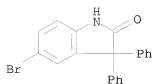
RN 51180-86-0 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3-(4-methoxyphenyl)-3-phenyl- (CA INDEX NAME)



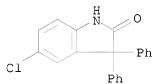
RN 51180-87-1 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3-(2-methoxyphenyl)-3-phenyl- (CA INDEX NAME)



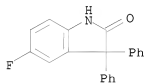
RN 63483-15-8 CAPLUS
 CN 2H-Indol-2-one, 5-bromo-1,3-dihydro-3,3-diphenyl- (CA INDEX NAME)



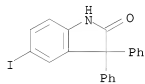
RN 67241-13-8 CAPLUS
 CN 2H-Indol-2-one, 5-chloro-1,3-dihydro-3,3-diphenyl- (CA INDEX NAME)



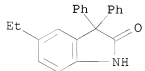
RN 210549-74-9 CAPLUS
 CN 2H-Indol-2-one, 5-fluoro-1,3-dihydro-3,3-diphenyl- (CA INDEX NAME)



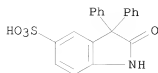
RN 685890-62-4 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-5-iodo-3,3-diphenyl- (CA INDEX NAME)



RN 685890-64-6 CAPLUS
 CN 2H-Indol-2-one, 5-ethyl-1,3-dihydro-3,3-diphenyl- (CA INDEX NAME)

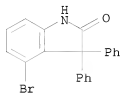


RN 685890-67-9 CAPLUS
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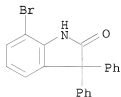
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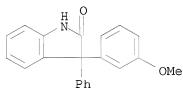
RN 685890-72-6 CAPLUS

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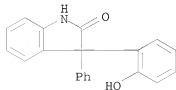
RN 685890-79-3 CAPLUS

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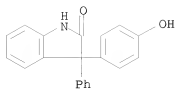
RN 685890-82-8 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3-(2-hydroxyphenyl)-3-phenyl- (CA INDEX NAME)



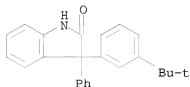
RN 685890-84-0 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3-(4-hydroxyphenyl)-3-phenyl- (CA INDEX NAME)



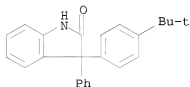
RN 685890-86-2 CAPLUS

CN 2H-Indol-2-one, 3-[3-(1,1-dimethylethyl)phenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



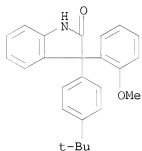
RN 685890-88-4 CAPLUS

CN 2H-Indol-2-one, 3-[4-(1,1-dimethylethyl)phenyl]-1,3-dihydro-3-phenyl- (CA INDEX NAME)



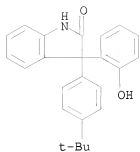
RN 685890-90-8 CAPLUS

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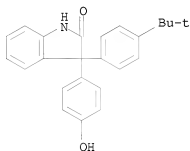
RN 685890-91-9 CAPLUS

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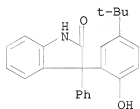
RN 685890-93-1 CAPLUS

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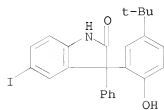
RN 685890-94-2 CAPLUS

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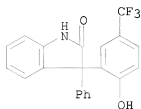


RN 685890-95-3 CAPLUS

CN 2H-Indol-2-one, 3-[5-(1,1-dimethylethyl)-2-hydroxyphenyl]-1,3-dihydro-5-iodo-3-phenyl- (CA INDEX NAME)



RN 685890-96-4 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3-[2-hydroxy-5-(trifluoromethyl)phenyl]-3-phenyl- (CA INDEX NAME)



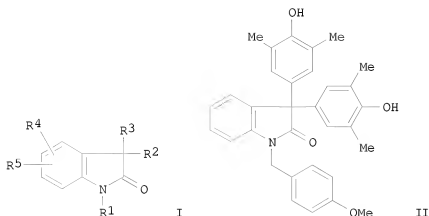
OS.CITING REF COUNT: 17 THERE ARE 17 CAPLUS RECORDS THAT CITE THIS RECORD (18 CITINGS)
 REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN
 ACCESSION NUMBER: 2003:757676 CAPLUS
 DOCUMENT NUMBER: 139:276813
 TITLE: Preparation of dihydroindol-2-ones as steroid hormone nuclear receptor modulators for treatment of congestive heart failure and other conditions
 INVENTOR(S): Grese, Timothy Alan; Jadhav, Prabhakar Kondaji; Neel, David Andrew; Steinberg, Mitchell Irvin; Lander, Peter Ambrose
 PATENT ASSIGNEE(S): Eli Lilly and Company, USA
 SOURCE: PCT Int. Appl., 220 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

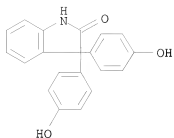
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WO 2003078394	A1	20030925	WO 2003-US6152	20030311
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2478172	A1	20030925	CA 2003-2478172	20030311
AU 2003230581	A1	20030929	AU 2003-230581	20030311
EP 1487792	A1	20041222	EP 2003-723665	20030311
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
JP 2006508893	T	20060316	JP 2003-576400	20030311
US 20050054712	A1	20050310	US 2004-506175	20040831
US 7250442	B2	20070731		

PRIORITY APPLN. INFO.: US 2002-365212P P 20020315
 WO 2003-US6152 W 20030311

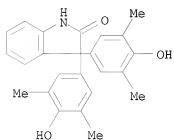
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
 OTHER SOURCE(S): MARPAT 139:276813



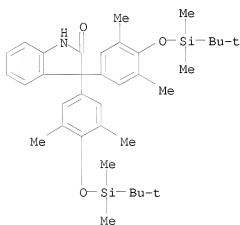
- AB Title compds. I [wherein R1 = (halo)alkyl, cycloalkoxy, (alkyl)cycloalkyl, alkyl(cyclo)alkoxy, alkenyl, alkynyl, CH₂CN, CH₂COR7, or (un)substituted (alkyl)aryl or (alkyl)heterocyclyl; R2 = (halo)alkyl, hydroxyalkyl, (alkyl)cycloalkyl, alkylalkoxy, alkenyl, or (un)substituted phenyl(alkyl); R3 = (un)substituted Ph; R4 and R5 = independently H, halo, OH, (cyclo)alkyl, alkoxy, CF₃, OCF₃, OCHF₂, CF₂CF₃, CN, NO₂, NH₂, NH-alkylamine, or N,N-dialkylamine; R7 = alkyl, cycloalkyl(amino), alkoxy, or (un)substituted aryl or heterocyclyl; and pharmaceutically acceptable salts thereof] were prepared as steroid hormone nuclear receptor modulators. For example, alkylation of 3,3-bis[4-(tert-butyltrimethylsilyloxy)-3,5-dimethylphenyl]-1,3-dihydroindol-2-one with 4-methoxybenzyl chloride in the presence of t-BuOK in THF, followed by deprotection using Bu₄NF in THF provided II (51%). The latter showed affinity for the human mineralocorticoid receptor (hMR) expressed in Sf9 insect cells with K_i ≤ 500 nM in competition expts. using [3H]-aldosterone as the specific ligand. In a whole cell binding assay using A549 human lung epithelial cells and [3H]-dexamethasone as the ligand, II also demonstrated modulation of glucocorticoid receptor (GR) activity with K_i ≤ 500 nM. Thus, I and their pharmaceutical compns. are useful for treating pathol. disorders susceptible to steroid hormone nuclear receptor modulation, particularly congestive heart failure.
- IT 125-13-3P, 3,3-Bis(4-hydroxyphenyl)-1,3-dihydroindol-2-one
 20206-19-3P, 3,3-Bis(4-Hydroxy-3,5-dimethylphenyl)-1,3-dihydroindol-2-one 604803-43-2P,
 3,3-Bis[4-(tert-butyltrimethylsilyloxy)-3,5-dimethylphenyl]-1,3-dihydroindol-2-one 604803-46-5P,
 3,3-Bis[4-(tert-butyltrimethylsilyloxy)phenyl]-1,3-dihydroindol-2-one
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (intermediate; preparation of indolones as glucocorticoid and mineralocorticoid receptor modulators for treatment of congestive heart failure and other conditions)
- RN 125-13-3 CAPLUS
- CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)- (CA INDEX NAME)



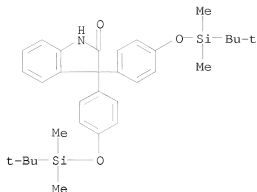
RN 20206-19-3 CAPLUS
 CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxy-3,5-dimethylphenyl)- (CA INDEX NAME)



RN 604803-43-2 CAPLUS
 CN 2H-Indol-2-one, 3,3-bis[4-[(1,1-dimethylethyl)dimethylsilyl]oxy]-3,5-dimethylphenyl]-1,3-dihydro- (CA INDEX NAME)



RN 604803-46-5 CAPLUS
 CN 2H-Indol-2-one, 3,3-bis[4-[(1,1-dimethylethyl)dimethylsilyl]oxy]phenyl]-1,3-dihydro- (CA INDEX NAME)



OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD
(5 CITINGS)
REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L9 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 1993:419929 CAPLUS

DOCUMENT NUMBER: 119:19929

ORIGINAL REFERENCE NO.: 119:3513a,3516a

TITLE: Structure-based discovery of inhibitors of thymidylate synthase

AUTHOR(S): Shoichet, Brian K.; Stroud, Robert M.; Santi, Daniel V.; Kuntz, Irwin D.; Perry, Kathy M.

CORPORATE SOURCE: Dep. Pharm. Chem., Univ. California, San Francisco, CA, 94143, USA

SOURCE: Science (Washington, DC, United States) (1993), 259(5100), 1445-50

CODEN: SCIEAS; ISSN: 0036-8075

DOCUMENT TYPE: Journal

LANGUAGE: English

AB A mol. docking computer program (DOCK) was used to screen the Fine Chemical Directory, a database of com. available compds., for mols. that are complementary to thymidylate synthase (TS), a chemotherapeutic target. Besides retrieving the substrate and several known inhibitors, DOCK proposed putative inhibitors previously unknown to bind to the enzyme. Three of these compds. inhibited *Lactobacillus casei* TS at submillimolar concns. One of these inhibitors, sulisobenzene, crystallized with TS in two configurations that differed from the DOCK-favored geometry: a counterion was bound in the substrate site, which resulted in a 6 to 9 angstrom displacement of the inhibitor. The structure of the complexes suggested another binding region in the active site that could be exploited. This region was probed with mols. sterically similar to sulisobenzene, which led to the identification of a family of phenolphthalein analogs that inhibit TS in the 1 to 30 micromolar range. These inhibitors do not resemble the substrates of the enzyme. A crystal structure of phenolphthalein with TS shows that it binds in the target site in a configuration that resembles the one suggested by DOCK.

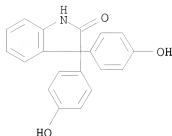
IT 125-13-3, 3,3-Bis(4-hydroxyphenyl)oxindole

RL: BIOL (Biological study)

(as thymidylate synthase inhibitor, structure in relation to)

RN 125-13-3 CAPLUS

CN 2H-Indol-2-one, 1,3-dihydro-3,3-bis(4-hydroxyphenyl)- (CA INDEX NAME)



OS.CITING REF COUNT: 164 THERE ARE 164 CAPLUS RECORDS THAT CITE THIS
RECORD (164 CITINGS)

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
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FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

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FILE 'REGISTRY' ENTERED AT 10:52:33 ON 08 APR 2010

L1 STRUCTURE UPLOADED
L2 42 S L1 SSS
L3 STRUCTURE UPLOADED
L4 40 S L3 SSS
L5 592 S L3 FULL

FILE 'CAPLUS' ENTERED AT 10:54:34 ON 08 APR 2010

L6 394 S L5
L7 996285 S (CANCER OR TUMOR OR NEOPLASM OR TUMOUR)
L8 12 S L6 AND L7
L9 12 DUP REM L8 (0 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 11:00:19 ON 08 APR 2010

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---Logging off of STN---

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Executing the logoff script...

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	ENTRY	SESSION
FULL ESTIMATED COST	0.07	280.97
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-10.20

STN INTERNATIONAL LOGOFF AT 11:00:53 ON 08 APR 2010